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INNOVATOR

A FINANCIAL EXPERT SYSTEM

by

James V. Nutley

A Report Submitted in Partial Fulfillment of the Requirement for the Degree of Masters of Science (Management Information Systems) in The University of Arizona

February 1990

Master committee:

Professor Sudha Ram, Chairman
Professor Doug Vogel
ABSTRACT

INNOVATOR

A FINANCIAL EXPERT SYSTEM

by

James V. Nutley

Chairman: Professor Sudha Ram

The INNOVATOR expert system was designed to assist in the evaluation of new Financial Service Product ideas. It is written in the Expert System Environment (ESE) on an IBM 4381. During the course of this project I rewrote INNOVATOR under the direction of Professor Sudha Ram. INNOVATOR was modified during this project to take advantage of a new interface to DB2 and lessons learned from the first implementation.
ACKNOWLEDGEMENTS

I would like to thank Professor Sudha Ram for her guidance and direction.

And my lovely wife, Dorothy for moral and physical support.
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I. INSTRUCTION

Overview of the area of Expert Systems

Artificial Intelligence (AI) is the discipline which tries to build machines that can be considered intelligent. Definitions of the word "intelligent" have proved slippery, still, some of the products of man's effort to duplicate himself in silicon have borne useful fruit. One such product is the Expert System.

Expert Systems are a departure from the historical direction of AI. Previous systems have attempted to implement generalized problem solving programs on wide varieties of problems, expert Systems select a specific domain in which they will function, defined by the Knowledge Base of the system. Knowledge Bases are translations of domain specific knowledge which a human expert would apply to a problem in his/her field of expertise. While a procedural computer program will process the data given it and deliver some output state, an expert System searches for a solution to a problem. The goal of a successful expert system is not to replace human experts in their field, but rather to handle problems that are ill-structured, and combine quantitative and judgmental data, which would ordinarily require the domain specific expertise of a human being, but are well enough understood to translate to machine processable form.
Once translated, the Knowledge Base can be accessed to solve these problems while leaving the expert time to focus on less well understood problems, or it can assist in the training of new experts, or it can make the knowledge of a single expert available to a larger audience than a single human being might otherwise assist.

The screening of potential new financial service products is a problem domain which fits the criteria for using Expert System technology.

"... the decision making process is not necessarily well structured, it uses variables that are both categorical and continuous, and relationships between the variables that are both numerical and logical."¹

There is also a clear need for this type of a system.

"... the process of introducing new products is very unstructured and hence very risky. Failure rates of new products are substantial. Past figures on new product launches reveal that 33 to 60% of new products are commercially unsuccessful. This is a disturbingly high failure rate considering the amount of organizational resources, such as dollar investment and R & D talent,

channeled into new product development. Some organizations consistently outperform others in the new product area, thanks to their group of new product experts. An expert system that could faithfully reproduce the judgement of these experts could save organizations tremendous amounts of resources and simultaneously improve the success rate of their innovations."

It was with these factors in mind that Professors Sudha and Sundaresan Ram began the coding of the INNOVATOR Expert System. INNOVATOR's knowledge base was culled from five acknowledged experts in the field, and a wide ranging literature search. A version of the program was implemented by Mr. Jaafar Husain and a description of the system and its Knowledge Base has been published in the journal Applied Artificial Intelligence, #2 1988.

The INNOVATOR implementation was performed in the ESE (Expert Systems Environment) Shell, an IBM product. ESE is designed to run on IBM mainframes (a 4381 in this case). ESE allows developers to enter rules directly in an IF...Then format. It also allowed external routines to store and retrieve the Attribute states of the product being considered, although this was in a flat file format. The implementation worked, but the professors Ram believed that

---

2 Ibid.
it could be improved. The following features were planned for a follow up version of INNOVATOR:

- connectivity to a true relational database for management of information
- ending reliance on routines which were constructed in third generation languages

These goals became achievable when IBM released an upgrade of ESE, including the Access command for FCB control text (see section 4.1.1) which allows direct access to SQL/DS and DB2.

The Purpose and Objective of this project was to build a new version of INNOVATOR, taking advantage of the direct database access I was expected to deliver a working, expandable ESE application which implemented the Knowledge Base of the INNOVATOR application without resort to external third generation language calls and with suitable modifications; supervised by Professor Sudha Ram, to take advantage of lessons learned in implementing the first INNOVATOR and implement good database design.

II. Previous Research

Knowledge elicited for INNOVATOR came from Financial Services Experts. Two of the experts chosen worked in national firms specializing in financial investments, one was from a small independent financial advisory firm, one worked in the investment division of a savings and loan association, and one worked for a commercial bank. The literature search
that followed covered Investment surveys, and financial magazines such as Money, Forbes, and the Wall Street Journal.

The Knowledge Base of Innovator can be represented for discussion as sets of text tables, which have a hierarchical relationship to each other. The root table is the list of product lines.

**TABLE 1.0**

Major Product Lines

- Annuities
- Bonds
- Insurance
- Mutual Funds
- Options
- Precious Metals
- Stocks
- Real Estate Partnerships

These represent the broad categories into which INNOVATOR divides the domain of Financial Service Products.

If we follow the Mutual Funds path, we come to the recognized types of Mutual Funds.

**TABLE 1.1**

Mutual Fund Product Types

- Balanced Funds
- Bond Funds
- Convertible Funds
- Growth Funds
- Growth and Income Funds
- Income Funds
- International Funds
- Money Market Funds
- Sector/Specialty Funds
Then established brand names of mutual fund products are identified.

TABLE 1.2

Mutual Fund Brand Names

- AARP
- American
- Bull-Bear
- Calvert
- Century
- Dean Witter
- Delaware
- Dreyfus
- Eaton Vance
- Fidelity
- Financial
- IDS
- Kemper
- MFS
- Merrill Lynch
- New England
- Oppenheimer
- Putnam
- Shearson
- Templeton
- USAA
- Value Line
- Vanguard

After the types of Financial Services had been identified, tables of key attributes were developed for evaluating the viability of Product Line, Product, or Brand.
**TABLE 1.3**

Product Line Evaluation Attributes

**Attribute Classes**

<table>
<thead>
<tr>
<th>Market Competition</th>
<th>Financial</th>
<th>Product</th>
<th>Corporate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Volume of Business</td>
<td>Distinctiveness</td>
<td>Compatibility with existing products</td>
<td>Number of Competitors</td>
</tr>
<tr>
<td>Estimated Gross Margin</td>
<td>Consumer Appeal</td>
<td>Financial Outlay</td>
<td>Quality of Competitors Rate</td>
</tr>
<tr>
<td>Estimated Return on Investment</td>
<td>Ease of Imitation</td>
<td>Organizational Structure</td>
<td>Vulnerability of Competitors</td>
</tr>
<tr>
<td>Seasonality of demand</td>
<td>Payback Period</td>
<td>Contribution to Company Image</td>
<td>Personnel Skills in Marketing</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Personnel Skills in Technical</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Product Development</td>
</tr>
</tbody>
</table>

7
### TABLE 1.4

Product Evaluation Attributes

<table>
<thead>
<tr>
<th>Attribute Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance Rating</td>
</tr>
</tbody>
</table>

- Past Year Risk
- Past 5 Years
- Past 10 Years
- Future (estimate)

### TABLE 1.5

Product Brand Evaluation Attributes

<table>
<thead>
<tr>
<th>Attribute Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Earning Quality of</td>
</tr>
<tr>
<td>Standing Size Performance Service</td>
</tr>
</tbody>
</table>

- Age Number of |
  - Funds Offered |
  - Rate |
  - Growth Rate of Assets |
  - Facility for Switching Between Funds |

- Reputation Range of |
  - Minimum |
  - Investment Amount |
  - Average |
  - Return Compared to Industry |
  - Representation's Average Ability |

- Management Total Assets |
  - Number of its Relationship |

- Turnover |
  - Funds in the with Industry |

- Brokers/Agents |
  - Top 20 |

With the Knowledge Acquisition complete, it only remains to translate this knowledge into ESE objects and debug. I had
this information and the previous ESE application, as well as guidance from Prof. Sudha Ram. I was ready to begin implementation.

III. User's Guide

My Goal was to implement the INNOVATOR ESE application, and to do so in such a way that it accessed SQL/DS. This chapter is designed to assist a user in using the application.

3.1 Names and Titles

The first thing the user will see is the welcome screen. After that, a user is asked questions. Just like a human expert, INNOVATOR must elicit data from the end-user in order to determine the degree to which the product being considered measures up. At first though, the user will have to answer questions about himself or herself. Data is gathered about the individual users primarily for product improvement at a later time, although usage monitoring could also be accomplished. An entry for each complete session is made, storing who used the system, what company they work for, when the consultation took place, and what the final evaluation is. The plan is for INNOVATOR's record of usage to guide future developers in evaluating who uses INNOVATOR, and in indicating who to elicit additional Knowledge or user interface improvement suggestions from. Security is not
supported by ESE, however the mainframe environment has ample password protections available.

It is important, in the current implementation, that great care be exercised while entering the company name, and that the name be entered in exactly the same manner for every session. INNOVATOR will search for existing "Profiles" using the company name, and a name which was spelled correctly but had capital letters the other lacked would be treated as an entirely different word.

FIGURE 1.0

Please enter your company name (30 characters or less)

PF1 Help PF2 Review PF4 What PF7 Up PF8 Down PF10 How PF11 Why =>

Once the User has entered this information, He will be asked weather or not an existing profile should be used.

3.2 Profiles

INNOVATOR contains Knowledge about what attributes of a new product are important, it also knows that some things, such as Seasonality of Demand, are best when they are low, while others,
such as Product Distinctiveness, are best when they are high. However, INNOVATOR as an Expert System, has no way to tell what the financial status of the End-Users company is at the time of a consultation, and no means to determine the financial resources that a company might or might not be willing to devote to a new product, unless the end-user tells it. This is done by entering a "Profile".

A Profile is a collection of attributes with numeric values. These attributes represent the judgement of the end-user, or his company on what is acceptable for a new product for their specific company. Storing their own preferences in this fashion is a powerful feature, as it allows the company to establish their own levels at which they would commit funds to a new product. Multiple profiles can be stored for a single company to allow a variety of views to be applied to any product.

The user is asked if he/she would like to use an existing profile from his/her company, or if he/she would like to enter a new one. Depending on the type of product, INNOVATOR will prompt the user for a value for each necessary attribute. Profile attributes are usually expressed in millions of dollars, or as a percentage of some Financial concept, such as the possible market for the product.

Once the user has chosen or entered a profile, the product in question has a standard to be compared to and the consultation can begin.
3.3 Using the Program

FIGURE 1.1

<table>
<thead>
<tr>
<th>What do you wish to evaluate?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>_ Product Line</td>
</tr>
<tr>
<td>_ Product</td>
</tr>
<tr>
<td>_ Brand</td>
</tr>
</tbody>
</table>

PF1 Help PF2 Review PF4 What PF7 Up PF8 Down PF10 How PF11 Why

From this point on, the user will be asked questions in a multiple choice fashion, until INNOVATOR is ready to deliver an evaluation. There are two distinct segments to this portion of the consultation.

First, INNOVATOR has the end-user establish a priority for each Attribute Class in the product he/she is considering. Although the user can specify that each attribute class is equally important, INNOVATOR arranges the rest of the consultation according to differences in the priorities, highest to lowest, and will simply choose a default order if the user considers all Attribute Classes of equal importance.

Next, the attributes of each class are considered in turn. The user must choose the appropriate value for each attribute according to the product being evaluated at the time. Once these
attributes are established, INNOVATOR will compare profile and product values, as well as evaluating the product against the established attributes in it's Knowledge Base, and deliver an evaluation to the screen (as well as the results log).

IV. Technical Manual

ESE is an established product from IBM. An ESE application is composed of five structures; Parameters, Rules, Groups, Screens, and Focus Control Blocks (FCBs). Although this chapter cannot be considered a substitute for the ESE Reference Manual, it contains descriptions of each of the ESE structures, and examples of how they were used in INNOVATOR.

4.1 FCB's

Expert systems use inference engines to perform their functions, but these engines do not process their rules sequentially. Non-sequential processing can have advantages for some problems, but not every problem can be solved without resort to some sequential processing. In order to address the possibility of dual approaches, ESE controls its applications through FCBs. An FCB can be thought of as a short script which the ESE application will perform. The script of what will be performed by an FDB is called it's Control Text. Control Texts
are written in Expert System Development Environment Control Language, which is composed of eight commands:

ACCESS interface with SQL/DS and DB2
ACQUIRE Obtain parameter values form an external data source
ASK Ask End-User for data to obtain parameter values
DETERMINE Invokes Backward Chaining Inference Engine to find a specific parameter value
DISCOVER Invoke Forward Chaining Inference Engine to use a set of rules to find parameter values
DISPLAY Displays parameters and their values to end users
ESTABLISH Initiate processing of another FCB
PROCESS Pass control to external data routines

When an application contains more than one FCB, then the FCBs are arranged in a hierarchy beginning with a root FCB. In INNOVATOR, OVERMODULE is the root FCB for the application. It establishes WHICH in which the type of product is chosen. IF the product is a mutual fund, then either a Product, Product Line or Brand Name is chosen and pursued. The figure below shows the hierarchy to that point.
After the Type of Mutual Fund is established, INNOVATOR asks the user whether they want to use one of the existing profiles or create a new one. Separate FCBs, NEW_PROFILE and USE_OLD, handle creation and retrieval of profiles. These FCBs contain the commands which read from and write to the database table PROFILE_MF_EVAL, where mutual fund profiles are kept. Once the profile to be used is loaded, five FCBs, named by format PL_<XX>_Figure, establish the user's priority for the Attribute Classes to be used. Then the FCBs named by format PLF_<attribute>_EVAL control the evaluation, one attribute class at a time, of (in this case) the product line being considered. After they have finished control passes back up to WHICH, where the final results are displayed and saved in the Database Table RESULT_LOG.

![Diagram](image-url)
This number of FCBs is larger than the minimum necessary to do this type of job, but I proceeded on the principle of structured programing that code should be modular in construction. The *_Figure modules are usable throughout the application with small modifications for priority setting, while the *_Eval modules
must be customized for each attribute class, but can be copied and modified from one branch to another.

FCBs have a number of properties that can be individually altered for specific effects. See Appendix A for a list of those properties.

4.2 Rules, and Parameters

The heart of a heuristic Knowledge Base are the facts (Parameters) that it consists of and the Rules that relate one fact to another. Like FCBs, both Parameters and Rules in ESE have properties that can be altered, see Appendix A.

Parameters are normally either character strings or numbers. Parameters may be assigned by the user during the session, or they may assume a value defaulted to them, or they may be assigned a value through the actions of an inference engine processing rules.

Rules are expressions of relationships between parameters. They are represented by statements which must follow the format below: (<> indicate that the contents are required and may be any string of the appropriate format, [] indicate that the string within is optional)

IF <premise_statement [and/or premise_statement[and/or ...]>]

THEN <action_statement [and action_statement[and ...]>

Where the IF and THEN, one premise statement and one action statement are the minimum requirement for a rule. As many
additional Premise and Action statements can be assigned to the rule as one wishes, action statements will always be used, hence only AND may be used on them. Premise statements may be linked either with ANDs, or ORs. OR allows the rule to apply to different premises one at a time.

The premise statement itself is most often a numeric or logical relation. For instance, "<parameter> = <parameter>". Rules fire when premises are true, a false condition can be achieved by adding NOT to a premise as in "not <parameter> = <parameter>". Action statements can be of the same format as premise statements or they can direct a subset of the ESE command language, such as "Establish <FCB>".

There is an alternative form of rule, used when the premise statement of the rule must include statements of the relative levels of certainty in the parameters. This is a Fuzzy IF statement or FIF. An example of a FIF statement from INNOVATOR is:

\[
\begin{align*}
\text{fif} & \quad \text{certainty of } (\text{pl\_finance\_eval}) > .5 \quad \text{and} \\
& \quad \text{certainty of } (\text{pl\_market\_eval}) > .5 \quad \text{and} \\
& \quad \text{certainty of } (\text{pl\_corporate\_eval}) > .5 \quad \text{and} \\
& \quad \text{certainty of } (\text{pl\_competitor\_eval}) > .5 \quad \text{and} \\
& \quad \text{certainty of } (\text{pl\_product\_eval}) > .5 \\
\text{then} & \quad \text{there is strong evidence that pl\_final\_eval is 'approve'}
\end{align*}
\]

4.3 Naming Convention

As the number of ESE Objects increase, the difficulties of editing or modifying the Knowledge Base become more acute. There
is, however a simple method to maintain some control over increasing ESE Knowledge Bases, through the simple expedient of adopting a naming convention.

ESE's built in editor allows the convenience of wildcard searches, using the * character, so that a user may access any and more importantly, all parameters, or rules, or FCBs, groups and screens, whose names share identical characters.

I chose the following for my naming convention:

<Product Type>_<Attribute Name>_<Additional Id>_Goal

Where <Product Type> can be pl, which stands for product line, or P which stands for product, or b which stands for brand, <Attribute Name> stands for the attribute the object works with or assigns value to, [Additional Id] stands for whatever is necessary and appropriate if the object would otherwise have a duplicate of an existing name, and <Goal> refers to the goal of that part of the Knowledge Base which the object is associated with.

This convention was quite satisfactory for the development of the prototype of INNOVATOR, but as I began to expand it beyond mutual funds, I realized that it was not enough, an additional two character prefix is needed to identify differences in product categories such as Mutual Funds vs. Real Estate Limited Partnerships vs. Stocks. The final form of the name of a Mutual Fund, product Line Market value evaluation rule would be:

MF_PL_Market_A_EVAL
Where "A" would indicate that the rule would test for conditions appropriate for the approval of the product line, while a "D" would indicate a test for conditions inappropriate for approval.

4.4 Database Properties

Two Database tables are used by the current form of INNOVATOR, although as more product types and categories come into the data base, more will be needed. The first one stores profiles of the Mutual Fund Product Line, and should be of appropriate format for other types of profiles with only a name change. The advantage of this form of table, as pointed out by Professor Sudha Ram, is that name changes of attributes need not be propagated to the table columns.

CREATE TABLE PROFILE_PL_EVAL (COMPANY CHAR(30) NOT NULL, COUSER CHAR(30), PROFILE_NAME CHAR(30), PARAMETER_NAME CHAR(30), PARAMETER_VALUE INTEGER)

Where COMPANY is the column where the users company name is kept, COUSER is the column where the user's name is kept, PROFILE_NAME is the column where the name of the profile being stored is kept, PARAMETER_NAME is the column where the names of attributes are stored and PARAMETER_VALUE.
The second table is where records of the user session are kept. This is a relatively straightforward recording of the users name.

```
CREATE TABLE RESULT_LOG (COMPANY CHAR(30) NOT NULL, COUSER CHAR(30), COTITLE CHAR(30), PROFILE_TYPE CHAR(12), PROFILE_NAME CHAR(30), RESULT CHAR(40), STARTDATE CHAR(20), FINISHDATE CHAR(20)).
```

Where COMPANY, COUSER, COTITLE, PROFILE_TYPE, PROFILE_NAME are the same as in the OTHER TABLE. RESULT stores the final results of the session. While STARTDATE and FINISHDATE store the beginning and ending times for the user consultation.

V. CONCLUSION

One would like to finish a software project believing that the best code possible at the time had been implemented. I regret that I cannot make that claim for my version of INNOVATOR. I embarked on this project with the tasking to implement access to DB2. This was accomplished. However, I am certain that improvements can be made in the performance and friendliness of the program. Clearly this version of INNOVATOR should not be the last one written.

The older version of INNOVATOR was a hybrid program, using procedural language routines to store and retrieve data where the present version directly accesses DB2. Perhaps this strategy should be reconsidered, not to abandon DB2, but to reincorporate the abilities of a procedural language.
INNOVATOR requires that a number of features relating to a single product be entered during each session. Rather than causing the expert system to query the user concerning each feature, a procedural program could assist the user in setting the values, and then pass the file to DB2. Or perhaps a form editor such as DBEDIT could be used. The ESE portion of the program could be summoned after the appropriate database tables had been updated or constructed, which would leave only the reasoning tasks to be done by ESE. This strategy might produce a faster application requiring fewer lines of code.

Another aspect of INNOVATOR which could be improved are the explanation facilities, the HOW and WHY commands. The chief difficulty here is that ESE does not support context sensitive explanation. HOW or WHY display the names of rules and parameters currently being operated on. It is more reasonable to believe that a user, activating the WHY facility, would want an explanation of what facts the program was seeking and how those facts would effect the heuristic being processed. Some expert system environments already support this type of facility, perhaps ESE will eventually be upgraded to support it also. While the programmer would obviously need to spend considerable extra time building effective explanation messages, the user would receive much better support.

"Nice to have" improvements would include a more modern user interface. For instance, when presented with a multiple choice list, the user might prefer highlighting the choice with a cursor
key and selecting it rather than entering an X or numeric character in the space in front of the selection.

A graphical output might be useful; perhaps with a bar graph representing how each category of attribute had exceeded or fallen short of the required value.

The section of my own code which least satisfies me are the rules for making the final determination on the product. I divided the possible results into a set of ranges and guessed which should be approved, marginally approved etc. Academic studies with guidelines that would indicate the cutoffs for each range would be better for this purpose. I neglected to look for this type of information and the accuracy of this version of INNOVATOR suffers for it.

I did learn a great deal about expert systems coding from this project. I hope to have another chance to apply it in the near future.
BIBLIOGRAPHY


# APPENDIX A

## Rules and Parameters

<table>
<thead>
<tr>
<th>FCB</th>
<th>Parameter</th>
<th>Rule</th>
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<td>Additional Instance Query</td>
<td>Author</td>
<td>Author</td>
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<tr>
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<td>Comment</td>
<td>Comment</td>
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<td>Justification</td>
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<td>Default constraint</td>
<td>Name</td>
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<td>Control Text</td>
<td>Expect value</td>
<td>Owning FCB's</td>
</tr>
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<td>Format Mask</td>
<td>Print Name</td>
</tr>
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<td>Dispose whendone</td>
<td>long Prompt</td>
<td>Rule Text</td>
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<td>Multiple choice screen</td>
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<td>Name</td>
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<td>Rules</td>
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</tbody>
</table>
APPENDIX B

INNOVATOR

PROGRAM LISTING
CONTROLCHARACTER
INNUT  12/18/89  09:27:22
TITLE
PARAMETER  EGF  SCALE
PROP Constraint
= ('Excellent', 'Good', 'Fair', 'Poor', 'Very Poor')
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PROP Comment
This is a 5 point scale for evaluations
PARAMETER  LHV_SCALE
PROP Constraint
= ('Very High', 'High', 'Average', 'Low', 'Very Low')
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PROP Comment
This is a 5 point scale for evaluations
PARAMETER  PLINE_LST
PROP Constraint
= ('Annuities', 'Bonds', 'Insurance', 'Mutual_Funds',
  'Options', 'Precious Metals', 'Stocks',
  'Real_Estate_Partnerships')
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER  MF_PROD_LST
PROP Constraint
= ('Balanced_Funds', 'Bond_Funds', 'Convertible_Funds',
  'Growth_Funds', 'Growth_and_Income_Funds',
  'Income_Funds', 'International_Funds',
  'Money_Market_Funds', 'Sector/Specialty_Funds')
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER PL_M_SIZE
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Estimate the total possible size of the market for this
product line (As a percentage of the market for this type of product).
PROP Screen
SCREEN: STRENT
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_usr_log
COLUMN = m_size
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER PL_M_GRW_RATE
PROP Constraint
is a number
PROP Sourcing seq.
User will input from terminal
Default will be taken

PROP Prompt
Estimate the annual percentage rate of growth of the market for the product line.
PROP Screen
SCREEN: STRENT
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_usr_log
COLUMN = m_growth_rate
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER PL_M_S_ECON
PROP Constraint
taken from 'm'scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken
PROP Prompt
Estimate the susceptibility of the market for the produc
t line to changes in the economy.
PROP Procedure name
SQL
PROP Procedure args
TABLE  = profile_usr_log
COLUMN = m_suscep_econ
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER PL_M_SEASON
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Estimate the seasonality of demand for this product lin
e.
PROP Procedure name
SQL
PROP Procedure args
TABLE  = profile_usr_log
COLUMN = m_seaon
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER PL_F_VOL
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Estimate the total volume of business from this product lin (in Millions of Dollars).
PROP Screen
SCREEN:STRENGTH
PROP Procedure name
SQL
PROP Procedure args
TABLE  = profile_usr_log
COLUMN = f_vol
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER PL_F_GMARGIN
PROP Constraint
Is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Estimate the Gross Margin of this Product Line (as a percentage).
PROP Screen
SCREEN:STRENT
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_mf_eval
COLUMN = f_g_margin
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER PL_F_RETURN
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Estimate the Return on Investment for this Product Line
(as a percentage).
PROP Screen
SCREEN:STRENT
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile usr_log
COLUMN = f_return
COLUMN =
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER PL_F_PAYBACK
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Estimate this Product Line’s Pay Back Period in years.
PROP Screen
SCREEN:STRENT
PROP Prompt
How easy is it to imitate the features of this Product Line?
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_usr_log
COLUMN = p_imitation
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER PL_P_IMAGE
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What contribution does this Product Line make to the Image of the company which offers it?
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_usr_log
COLUMN = p_image
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER PL_CORP_COMP
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
How high a compatibility does this product line have with other product lines offered by the company?
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_usr_log
COLUMN = corp_compat
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER PL_CORP_OUTLAY
PROP Constraint
is a number
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Prompt
What is the extent of the Financial Outlay to offer this product line (in Millions of Dollars)?
PROP Screen
SCREEN:STRENT
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_usr_log
COLUMN = corp_outlay
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER PL_CORP_ORG
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Prompt
What degree of change to the Organizational Structure will be necessary to support this product line?
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_usr_log
COLUMN = corp_org
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER PL_CORP_PER_MARKETING
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Prompt
Estimate the level of retraining and/or hiring necessary for this company to provide marketing support for this product line.
PROP Procedure name
SQL
PROP Procedure args
FILE: INONUT  EXPORTED A1  VM/SP CONVERSATIONAL MONITOR SYSTEM  PAGE 00000B

TABLE = profile_usr_log
COLUMN = corp_per_mark
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER PL_CORP_PER_TECH
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Estimate the degree of retraining and/or hiring necesa
ty in this company to support the product line's techni
cal development.
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_usr_log
COLUMN = corp_per_techn
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER PL_COMP_QUALITY
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Describe the quality of competing offerings in this Pro
duct line.
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_usr_log
COLUMN = comp_quality
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER PL_COMP_VULNERABILITY
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken
PROP Prompt
What level of vulnerability do the competing
firms in this product line have to a new product offer-
ing?
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_usr_log
COLUMN = comp_vulnerability
CONDITION =
PROP Val can chg flag
FALSE
PARAMETER P_PAST_1YR
PROP Constraint -
taken from egf_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Compare the performance of the product over the last
year with the performance of products of the same type
or with the performance of substitutes for the product.
PROP Val can chg flag
FALSE
PARAMETER P_PAST_5YR
PROP Constraint -
taken from egf_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Compare the performance of the product over the last fi-
ve years with the performance of other products of the
same type or of substitutes for the product.
PROP Val can chg flag
FALSE
PARAMETER P_PAST_10YR
PROP Constraint -
taken from egf_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Compare the performance of the product over the last te-
men years with the performance of other products of the s-
amne type or substitutes for the product.
PROP Val can chg flg
FALSE
PARAMETER P_FUTURE
PROP Constraint
taken from egf_scale
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Prompt
What are the future prospects of this product.
PROP Val can chg flg
FALSE
PARAMETER P_RISK
PROP Constraint
taken from imv_scale
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Prompt
Compare the Risk rating of this product to other products of this type or substitutes for this product.
PROP Val can chg flg
FALSE
PARAMETER DB_ST_AGE
PROP Constraint
is a number
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Prompt
How old is the company offering this product (in years).
PROP Val can chg flg
FALSE
PARAMETER DB_ST_REPUTATION
PROP Constraint
taken from egf_scale
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Prompt
What reputation does the company offering this product have in the industry.
PROP Val can chg flg
FALSE
PARAMETER DB_ST_TURNOVER
PROP Constraint -
taken from lmv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Compare the management turnover in the company offering
the product with turnover in the industry as a whole.
PROP Val can chg flg
FALSE
PARAMETER DB_SIZE_NUMBER
PROP Constraint -
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
How many products of this type does this company offer?
PROP Val can chg flg
FALSE
PARAMETER DB_SIZE_RANGE
PROP Constraint -
taken from pline_lst; multivalued
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What product lines are offered by this company?
PROP Val can chg flg
FALSE
PARAMETER DB_SIZE_ASSETS
PROP Constraint -
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What is the value of the total assets of the company in
Millions of dollars?
PROP Val can chg flg
FALSE
PARAMETER DB_EARN_COMMISSION
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What percentage do employees of the company receive as a commission?
PROP Val can chg flg
FALSE
PARAMETER DB_EARN_MIN_AMOUNT
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What is the minimum amount in millions of dollars needed to invest in this company's product?
PROP Val can chg flg
FALSE
PARAMETER DB_PAST_GROWTH
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Compare the growth rate of this company's assets to the average growth rate of assets in the industry.
PROP Val can chg flg
FALSE
PARAMETER DB_PAST_RETURN
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Compare the average return on investment of products offered by this company with the industry average.
PROP Val can chg flg
FALSE
PARAMETER DB_PAST_TOP20
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
How many products offered by this company have been rated in the industry's top 20?
PROP Val can chg flg
FALSE
PARAMETER DB_QUAL_SWITCH
PROP Constraint
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What type of switching between company products are available to investors?
PROP Val can chg flg
FALSE
PARAMETER DB_QUAL_AVAILABILITY
PROP Constraint
is a boolean
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Is a service representative available for consultation 24 hours a day?
PROP Val can chg flg
FALSE
PARAMETER DB_QUAL_RELATIONSHIP
PROP Constraint
taken from egf_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken
PROP Prompt
Rate the relationship between the company and the brokers/agents employed by it.
PROP Val can chg flg
FALSE
PARAMETER ASK_PL
PROP Constraint
taken from pline_lst
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Please choose a Product Line to consider.
PROP Screen
SCREEN:CHOOSE
PROP Val can chg flg
FALSE
PARAMETER ASK_P_MF
PROP Constraint
taken from mf_prod_lst
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Please choose a Mutual Fund Type to consider.
PROP Val can chg flg
FALSE
PARAMETER EASE_SCALE
PROP Constraint
eq ('Very Easy', 'Easy', 'Average', 'Hard', 'Very Hard')
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PROP Comment
This is a 5 point scale for evaluations
PARAMETER ERCODE
PROP Constraint
is a string
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken
Please enter the name of your company/firm.

Please enter your name (30 characters or less).

FILE: IMPORTED EXPORT A1
PROP Procedure name
SQL
PROP Procedure args
TABLE  = result_log
COLUMN  = company
CONDITION = PROP Val can chg flg
FALSE
PARAMETER RPL_F_GMARGIN
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE  = profile_pl_eval
COLUMN  = parameter_value
CONDITION = 'profile_name = :vq * rpl_name AND parameter_name = :vq * dpl_f_gmargin_n'
PROP Val can chg flg
FALSE
PARAMETER RPL_F_PAYBACK
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE  = profile_pl_eval
COLUMN  = parameter_value
CONDITION = 'profile_name = :vq * rpl_name AND parameter_name = :vq * dpl_f_payback_n'
PROP Val can chg flg
FALSE
PARAMETER RPL_F_RETURN
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = parameter_value
CONDITION = 'profile_name = :vq *rpl_name and parameter_name = :vq *dpl_f_return_n'
PROP Val can chg flg
FALSE
PARAMETER RPL_M_VOL
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = parameter_value
CONDITION = 'profile_name = :vq *rpl_name and parameter_name = :vq *dpl_f_vol_n'
PROP Val can chg flg
FALSE
PARAMETER RPL_M_GRW_RATE
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = parameter_value
CONDITION = 'profile_name = :vq *rpl_name and parameter_name = :vq *dpl_m_grw_rate_n'
PROP Val can chg flg
FALSE
PARAMETER TABLE_VALUE
PROP Constraint
taken from table_lst
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER RPL_M_SIZE
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE = profile.pl_eval
COLUMN = parameter_value
CONDITION = 'profile_name' = :vq *rpl_name and
parameter_name = 'vq' *dpl_m_grw_rate_n'
PROP Val can chg fig
FALSE
PARAMETER TABLE.LST
PROP Constraint
= ('profile.pl_eval', 'result_log')
PROP Sourcing seq.
Rule Consequent

PROP Val can chg fig
FALSE
PARAMETER DATETIME
PROP Constraint
= ':date1 /=:time1'
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE = result_log
COLUMN = datetime
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER RESULT
PROP Constraint
taken from final_scale
PROP Sourcing seq.
Rule Consequent

PROP Screen
SCREEN TITLE
PROP Procedure name
SQL
PROP Procedure args
TABLE = result_log
COLUMN = result
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER MF_PL_MESSAGE_D_EVAL
PROP Constraint 'The data for this factor has been DISAPPROVED by INN
OVATOR. This will contribute to the new product being
disapproved.'
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER DPL_CORP_OUTLAY
PROP Constraint is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What is the maximum extent, in millions of dollars, of the financial outlay your company would make for a new product line?
PROP Screen
SCREEN:STRENT
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = parameter_value
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER DPL_F_GMARGIN
PROP Constraint is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What minimum gross margin is acceptable to your company for a new product line? (estimate as a percentage)

PROP Screen
 SCREEN:STRENT
 PROS Procedure name
 SQL
 PROP Procedure args
 TABLE = profile_pl_eval
 COLUMN = parameter_value
 CONDITION =
 PROP Val can chg fig 
 FALSE
 PARAMETER DPL_F_PAYBACK
 PROP Constraint
 is a number
 PROP Sourcing seq.
 Rule Consequent
 User will input from terminal
 Default will be taken

PROP Prompt
what payback period (in years) would your company find acceptable for a new product line?

PROP Screen
 SCREEN:STRENT
 PROS Procedure name
 SQL
 PROP Procedure args
 TABLE = profile_pl_eval
 COLUMN = parameter_value
 CONDITION =
 PROP Val can chg fig 
 FALSE
 PARAMETER DPL_F_RETURN
 PROP Constraint
 is a number
 PROP Sourcing seq.
 Rule Consequent
 User will input from terminal
 Default will be taken

PROP Prompt
what minimum return on investment is acceptable in your company for a new product line (in millions of dollars )?

PROP Screen
 SCREEN:STRENT
 PROS Procedure name
 SQL
 PROP Procedure args
 TABLE = profile_pl_eval
 COLUMN = parameter_value
 CONDITION =
PROP Val can chg flg
FALSE
PARAMETER DPL_F_VOL
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What minimum total volume of business does your company desire from a new product line (in millions of dollars)?
PROP Screen
SCREEN:STRENT
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = parameter_value
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER DPL_M_GROW_RATE
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What minimum annual growth rate of the market for a new product line is acceptable to your company (as a percentage)?
PROP Screen
SCREEN:STRENT
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = parameter_value
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER DPL_M_SIZE
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken
PROP Prompt
What is the minimum market share acceptable to your company for a new product line? (as a percentage)?
PROP Screen
SCREEN:STREN
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = parameter_value
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER ASK_TYPE
PROP Constraint
taken from type_lst
PROP Sourcing Seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What do you wish to evaluate?
PROP Screen
SCREEN:CHOOSE
PROP Procedure name
SQL
PROP Procedure args
TABLE = result_log
COLUMN = profile_type
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER TYPE LST
PROP Constraint
= ("Product Line", "Product", "Brand")
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Screen
SCREEN:CHOOSE
PROP Val can chg flg
FALSE
PARAMETER PROFILE_OLD
PROP Constraint
taken from ext_lst
PROP Sourcing seq.
User will input from terminal
PROP Prompt
Your company maintains the following profiles of desirable product lines:
:CE ON :VL *profi_list
:CE OFF
Do you wish to use one of these profiles or do you wish to create a new profile?
PROP Screen
SCREEN:CHOOSE
PROP Val can chg flg
FALSE
PARAMETER profi_list
PROP Constraint
is a string; multi-valued
PROP Sourcing seq.
Rule Consequent

PROP Procedure name
SQL
PROP Procedure args
TABLE = profile.pl_eval
COLUMN = profile.name
CONDITION = 'company = :vq *userco'
PROP Val can chg flg
FALSE
PARAMETER USERNAME
PROP Constraint
is a string
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Please enter your name (30 characters or less).
PROP Screen
SCREEN:STRENTEE
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile.pl_eval
COLUMN = couser
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER DPL_NAME
PROP Constraint
is a string
PROP Sourcing seq.
  Rule Consequent
    User will input from terminal
    Default will be taken

PROP Prompt
  What will the name of this Product Line Profile be?
PROP Screen
SCREEN:STRENT
  PROP Procedure name
SQL
PROP Procedure args
  TABLE = profile_pl_eval
  COLUMN = profile_name
  CONDITION =
PROP Val can chang fig
FALSE
  PARAMETER OBERST
PROP Constraint
  is a string
PROP Sourcing seq.
  Rule Consequent
    User will input from terminal
    Default will be taken
PROP Val can chang fig
FALSE
  PARAMETER EXT_LIST
PROP Constraint
  = ('Existing Profile', 'New Profile')
PROP Sourcing seq.
  Rule Consequent
    User will input from terminal
    Default will be taken
PROP Val can chang fig
FALSE
  PARAMETER RPL_NAME
PROP Constraint
  is a string
PROP Sourcing seq.
  Rule Consequent
    User will input from terminal
    Default will be taken
PROP Val can chang fig
FALSE
  PARAMETER PL_M_VALUE
PROP Constraint
  taken from ian_scale
PROP Prompt
In evaluating a new product line, how important to your organization is the Market factor?
PROP Val can chg flg
FALSE
PARAMETER PL_F_VALUE
PROP Constraint
taken from ian_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
In evaluating a new product line, how important to your organization is the Finance factor?
PROP Val can chg flg
FALSE
PARAMETER PL_P_VALUE
PROP Constraint
taken from ian_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
In evaluating a new product line, how important to your organization is the Product factor?
PROP Val can chg flg
FALSE
PARAMETER PL_CORP_VALUE
PROP Constraint
taken from ian_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
In evaluating a new product line, how important to your organization is the Corporate factor?
PROP Val can chg flg
FALSE
PARAMETER PL_COMP_VALUE
PROP Constraint
taken from Ian scale
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Prompt
In evaluating a new product line, how important to your
organization is the Competitor factor?
PROP Val can chg fig
FALSE
PARAMETER FINAL_SCALE
PROP Constraint
  = ('Approve', 'Approve Marginally', 'Reevaluate the data
  and resubmit', 'Disapprove')
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Val can chg fig
FALSE
PARAMETER PL_FINAL_EVAL
PROP Constraint
  taken from final scale
PROP Sourcing seq.
  Rule Consequent

PROP Screen
SCREEN:TITLE
PROP Val can chg fig
FALSE
PARAMETER PL_MV_SEASON
PROP Constraint
  is a number
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Val can chg fig
FALSE
PARAMETER PL_MV_S_ECON
PROP Constraint
  is a number
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken
PROP Val can chg fig
FALSE
PARAMETER RPL_MV_S_ECON
PROP Constraint = 2
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER RPL_MV_SEASON
PROP Constraint = 2
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER USERTITLE
PROP Constraint is a string
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Please enter the title of your position in your Company
/Firm (30 characters or less).
PROP Screen
SCREEN:STRENTI
PROP Procedure name
SQL
PROP Procedure args
TABLE = result_log
COLUMN = cotitle
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER PL_MARKET_EVAL
PROP Constraint taken from final_scale
PROP Sourcing seq.
Rule Consequent
PROP Val can chg fig
FALSE
PARAMETER PL FINANCE_EVAL
PROP Constraint
taken from final_scale
PROP Sourcing seq.
   Rule Consequent

PROP Val can chg fig
FALSE
PARAMETER MF_PL_FINMSG_A_EVAL
PROP Constraint
   'The New Product has been APPROVED by INNOVATOR.'
PROP Sourcing seq.
   Rule Consequent
   User will input from terminal
   Default will be taken

PROP Val can chg fig
FALSE
PARAMETER PL_PV_APPEAL
PROP Constraint
   is a number
PROP Sourcing seq.
   Rule Consequent
   User will input from terminal
   Default will be taken

PROP Val can chg fig
FALSE
PARAMETER PL_PV_DIST
PROP Constraint
   is a number
PROP Sourcing seq.
   Rule Consequent
   User will input from terminal
   Default will be taken

PROP Val can chg fig
FALSE
PARAMETER PL_PV_IMAGE
PROP Constraint
   is a number
PROP Sourcing seq.
   Rule Consequent
   User will input from terminal
   Default will be taken
PROP Val can chg fig
FALSE
PARAMETER PL_CORPV_COMP
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER PL_CORPV_ORG
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER PL_CORPV_PER_MARKETING
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER PL_CORPV_PER_TECH
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER RPL_CORPV_COMP
PROP Constraint
= 4
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken
PROP Val can chg flg
FALSE
PARAMETER RPL_CORPV_ORG
PROP Constraint
= 4
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER RPL_CORPV_PER_MARKETING
PROP Constraint
= 4
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER RPL_CORPV_PER_TECH
PROP Constraint
= 4
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER RPL_COMPV_QUALITY
PROP Constraint
= 3
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER RPL_COMPV_VULNERABILITY
PROP Constraint
= 4
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken
PROP Val can chg fig
FALSE
PARAMETER PL_COMPV_QUALITY
PROP Constraint
is a number
PROP Sourcing seq.
  Rule Consequent
    User will input from terminal
    Default will be taken

PROP Val can chg fig
FALSE
PARAMETER PL_COMPV_VULNERABILITY
PROP Constraint
is a number
PROP Sourcing seq.
  Rule Consequent
    User will input from terminal
    Default will be taken

PROP Val can chg fig
FALSE
PARAMETER PL_FAC_INT_FLAG
PROP Constraint
is a number
PROP Sourcing seq.
  Rule Consequent
    Default will be taken

PROP Val can chg fig
TRUE
PARAMETER MF_PL_FINMSG_AM_EVAL
PROP Constraint
  = 'The New Product has been MARGINALLY APPROVED by INNOVATOR.'
PROP Sourcing seq.
  Rule Consequent
    User will input from terminal
    Default will be taken

PROP Val can chg fig
FALSE
PARAMETER MF_PL_FINMSG_RE_EVAL
PROP Constraint
  = 'The data for this New Product if to ambiguous for INNOVATOR to approve or disapprove. Please re-evaluate the information of the factors included and resubmit the information to INNOVATOR at your earliest opportunity.'
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flag
FALSE
PARAMETER MF_GL_FINMSG_D_EVAL
PROP Constraint
= 'The New Product has been DISAPPROVED by INNOVATOR.'
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flag
FALSE
PARAMETER PL_FINAL_FLAG
PROP Constraint
is a number
PROP Sourcing seq.
Default will be taken
Rule Consequent

PROP Default constr.
= 0
PROP Val can chg flag
TRUE
PARAMETER PL_INT_FLAG
PROP Constraint
is a number
PROP Sourcing seq.
Default will be taken
Rule Consequent

PROP Default constr.
= 0
PROP Val can chg flag
FALSE
PARAMETER PL_PRODUCT_EVAL
PROP Constraint
taken from final scale
PROP Sourcing seq.
Rule Consequent
PROP Val can chg flg
FALSE
PARAMETER PL_CORPORATE_EVAL
PROP Constraint
taken from final_scale
PROP Sourcing seq.
  Rule Consequent

PROP Val can chg flg
FALSE
PARAMETER PL_COMPETITOR_EVAL
PROP Constraint
taken from final_scale
PROP Sourcing seq.
  Rule Consequent

PROP Val can chg flg
FALSE
PARAMETER MF_PL_MESSAGE_RE_EVAL
PROP Constraint
- 'The data for this factor is too ambiguous for INNOVATOR to approve or disapprove. It will not contribute to the approval of the new product. Please re-evaluate the information this factor considers and re-submit the information to INNOVATOR at your earliest opportunity.'
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Val can chg flg
FALSE
PARAMETER MF_PL_MESSAGE_AM_EVAL
PROP Constraint
- 'The data for this factor has been MARGINALLY APPROVE D by INNOVATOR. This could contribute to the new product being approved.'
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Val can chg flg
FALSE
PARAMETER B_EARN_COMMISSION
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What commission rate can be earned on this brand?
PROP Val can chg flg
FALSE
PARAMETER B_EARN_MIN_AMOUNT
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What is the minimum investment amount for this brand?
PROP Val can chg flg
FALSE
PARAMETER B_PAST_GROWTH
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What rate of growth have the assets of this brand susta
ined in the past?
PROP Val can chg flg
FALSE
PARAMETER B_PAST_RETURN
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What is the brands performance on returns compared to t
he industry average?
PROP Val can chg flg
FALSE
PARAMETER B_PAST_IOP20
PROP Constraint
is a number
PROP Sourcing seq.
   Rule Consequent
   User will input from terminal
   Default will be taken

PROP Prompt
How many funds of this brand have been in the industry
top 20?
PROP Val can chg fig
FALSE
PARAMETER B_QUAL_AVAILABILITY
PROP Constraint
is a boolean
PROP Sourcing seq.
   Rule Consequent
   User will input from terminal
   Default will be taken

PROP Prompt
Is a service representative available 24 hours a day?
PROP Val can chg fig
FALSE
PARAMETER B_QUAL_RELATIONSHIP
PROP Constraint
taken from egf_scale
PROP Sourcing seq.
   Rule Consequent
   User will input from terminal
   Default will be taken

PROP Prompt
Is the relationship between brokers and agents and the
rest of the brand's firm a good one?
PROP Val can chg fig
FALSE
PARAMETER B_QUAL_SWITCH
PROP Constraint
  ('Unlimited Switching', 'Unlimited Switching/Charge per
  switch', 'Limited Switching/Charge per switch', 'No Switching')
PROP Sourcing seq.
   Rule Consequent
   User will input from terminal
   Default will be taken

PROP Prompt
Which facilities for switching fund are supported in th
is brand?
PROP Val can chg fig
FALSE
PARAMETER B_SIZE_ASSETS
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What are the total assets available to the company offering this brand?
PROP Val can chg flg
FALSE
PARAMETER B_SIZE_NUMBER
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
How many funds are offered by the company?
PROP Val can chg flg
FALSE
PARAMETER B_SIZE_RANGE
PROP Constraint
taken from pline_lst
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Which of these types of financial services does this company offer?
PROP Val can chg flg
FALSE
PARAMETER B_ST_AGE
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
How many years has this company existed?
PROP Val can chg flg
FALSE
PARAMETER B_ST_REPUTATION
PROP Constraint
taken from egf_scale
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Prompt
What reputation does this company have in the industry?
PROP Val can chg flg
FALSE
PARAMETER B_ST_TURNOVER
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Prompt
How would you characterize the management turnover in this company?
PROP Val can chg flg
FALSE
PARAMETER RB_EARN_COMMISSION
PROP Constraint
  is a number
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Val can chg flg
FALSE
PARAMETER RB_EARN_MIN_AMOUNT
PROP Constraint
  is a number
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken

PROP Val can chg flg
FALSE
PARAMETER RB_PAST_GROWTH
PROP Constraint
taken from lmv_scale
PROP Sourcing seq.
  Rule Consequent
  User will input from terminal
  Default will be taken
PROP Val can chg fig
FALSE
PARAMETER RB_PAST_RETURN
PROP Constraint -
taken from 1mv_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER RB_PAST_TOP20
PROP Constraint -
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER RB_QUAL_AVAILABILITY
PROP Constraint -
is a boolean
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER RB_QUAL_RELATIONSHIP
PROP Constraint -
taken from egf_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER RB_QUAL_SWITCH
PROP Constraint -
= {'Unlimited Switching', 'Unlimited Switching/Charge per switch', 'Limited Switching', 'Limited Switching/Charge per switch', 'No Switching'}
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER RB_SIZE_ASSETS
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER RB_SIZE_NUMBER
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER RB_SIZE_RANGE
taken from pline_list
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER RB_ST_AGE
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER RB_ST_REPUTATION
taken from egf_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER RB_ST_TURNÖVER
PROP Constraint
taken from lbw_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER B_PASTV_GROWTH
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER B_PASTV_RETURN
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER B_QUALV_RELATIONSHIP
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER B_STV_REPUTATION
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER B_STV_TURNOver
PROP Constraint
is a number
PROP Sourcing seq
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER RB_NAME
PROP Constraint
is a string
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PARAMETER DB_NAME
PROP Constraint
is a string
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Please enter the brand name in thirty characters or less.
PROP Val can chg flg
FALSE
PARAMETER MF_B EARN_VALUE
PROP Constraint
taken from ian_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What is the relative importance of the earnings associated with the brand name?
PROP Val can chg flg
FALSE
PARAMETER MF_B_PAST_VALUE
PROP Constraint
taken from ian_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What is the relative importance of the past performance
of this brand?
PROP Val can chg flg
FALSE
PARAMETER MF_B_QUAL_VALUE
PROP Constraint
taken from ian_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What is the relative importance of the quality of the brand name?
PROP Val can chg flg
FALSE
PARAMETER MF_B_SIZE_VALUE
PROP Constraint
taken from ian_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What is the relative importance of the size of the brand?
PROP Val can chg flg
FALSE
PARAMETER MF_B_ST_VALUE
PROP Constraint
taken from ian_scale
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
What is the relative importance of the brand's company's standing in the industry?
PROP Val can chg flg
FALSE
PARAMETER B_FINAL_EVAL
PROP Constraint
taken from final_scale
PROP Sourcing seq.
  Rule Consequent

PROP Val can chg flg
FALSE
PARAMETER B_EARN_EVAL
PROP Constraint
taken from final_scale
PROP Sourcing seq.
  Rule Consequent

PROP Val can chg flg
FALSE
PARAMETER B_PAST_EVAL
PROP Constraint
taken from final_scale
PROP Sourcing seq.
  Rule Consequent

PROP Val can chg flg
FALSE
PARAMETER B_QUAL_EVAL
PROP Constraint
taken from final_scale
PROP Sourcing seq.
  Rule Consequent

PROP Val can chg flg
FALSE
PARAMETER B_SIZE_EVAL
PROP Constraint
taken from final_scale
PROP Sourcing seq.
  Rule Consequent

PROP Val can chg flg
FALSE
PARAMETER B_S1_EVAL
PROP Constraint
taken from final_scale
PROP Sourcing seq.
Rule Consequent

PROP Val can chg fig
FALSE
PARAMETER USERCO
PROP Constraint
is a string
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken
PROP Prompt
Please enter the name of your Company/Firm
(30 characters or less).
PROP Screen
SCREEN: STRENTI
PROP Procedure name
SQL
PROP Procedure args
TABLE   = profile_pl_eval
COLUMN  = company
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER NAMEHOLD
PROP Constraint
is a string
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken
PROP Procedure name
SQL
PROP Procedure args
TABLE   = result_log
COLUMN  = profile_name
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER DPL_CORP_OUTLAY_N
PROP Constraint
= 'corp_financial_outlay'
PROP Sourcing seq.
PROP Val can chg fig
FALSE
PARAMETER R S_T V . T UR NO V E R
PROP Constraint
is a number
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER DPL_F_MARGIN_N
PROP Constraint
= 'financial_gross_margin'
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = parameter_name
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER DPL_F_PAYBACK_N
PROP Constraint
= 'financial_payback_period'
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = parameter_name
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER DPL_F_RETURN_N
PROP Constraint
= 'financial_return_on_investment'
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken
PROP Procedure name
SQL
PROP Procedure args
TABLE  = profile_pl_eval
COLUMN  = parameter_name
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER DPL_F_VOL_N
PROP Constraint
is a string
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE  = profile_pl_eval
COLUMN  = parameter_name
CONDITION =
PROP Val can chg flg
FALSE
PARAMETER DP_NAME
PROP Constraint
is a string
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Prompt
Please enter the product name in thirty characters or less.
PROP Val can chg flg
FALSE
PARAMETER EX_PROFILE_PL
PROP Constraint
taken from prof_lst
PROP Sourcing seq.
User will input from terminal

PROP Prompt
Which Product Line Profile would you care to use?
PROP Screen
SCREEN:CHOOSEI
PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = profile_name
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER DPL_M_GROW_RATE_N
PROP Constraint
= 'market_growth_rate'
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = parameter_name
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER DPL_M_SIZE_N
PROP Constraint
= 'market_size'
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Procedure name
SQL
PROP Procedure args
TABLE = profile_pl_eval
COLUMN = parameter_name
CONDITION =
PROP Val can chg fig
FALSE
PARAMETER FDATETIME
PROP Constraint
= datetime
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg fig
FALSE
PARAMETER IAN_SCALE
PROP Constraint
= ('Very Important', 'Important', 'Average', 'Not Important', 'Not At All Important')
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Val can chg flg
FALSE
PROP Comment
This is a 5 point scale for evaluations
PARAMETER MF_PL_MESSAGE_A_EVAL
PROP Constraint
'The data for this factor has been APPROVED by INNOVA
TOR. This will contribute to the new product being app
roved.'
PROP Sourcing seq.
Rule Consequent
User will input from terminal
Default will be taken

PROP Screen
SCREEN:PROFDISP
PROP Val can chg flg
FALSE
PARAMETER MF_B_PR_OLD
PROP Constraint
taken from ext_lst
PROP Sourcing seq.
User will input from terminal

PROP Prompt
Will you want to use an Existing Profile, or enter a Ne
w Profile?
PROP Val can chg flg
FALSE
PARAMETER MF_B_PR_LST
PROP Constraint
is a string; multivalued
PROP Sourcing seq.
Rule Consequent

PROP Procedure name
SQL
PROP Procedure args
TABLE = pr_brnd_mf_eval
COLUMN = name
CONDITION =
PROP Val can chg flg
FALSE
RULE PL_EVAL_6
PROP Rule text
fif certainty of (pl_finance_eval) <= .0 and
certainty of (pl_market_eval) <= .0 and
certainty of (pl_corporate_eval) <= .0 and
certainty of (pl_competitor_eval) < .0 and
certainty of (pl_product_eval) <= .0 and
then establish pl_fin_msg_d_eval immediate and
pl_final_flag = 4
PROP Rule type
Inference
RULE PL_EVAL_2A
PROP Rule text
fif certainty of (pl_finance_eval) > .5 and
certainty of (pl_corporate_eval) > .5 and

certainty of (pl_competitor_eval) < .5 and
certainty of (pl_competitor_eval) > .2 and
certainty of (pl_market_eval) > .2 and
certainty of (pl_product_eval) < .5 and
certainty of (pl_product_eval) > .2 or
certainty of (pl_finance_eval) > .5 and
certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) > .2 and
certainty of (pl_corporate_eval) > .5 and
certainty of (pl_corporate_eval) < .5 and
certainty of (pl_corporate_eval) > .2 and
certainty of (pl_competitor_eval) < .5 and
certainty of (pl_competitor_eval) > .2 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_product_eval) < .5 and
certainty of (pl_product_eval) > .2 or
certainty of (pl_finance_eval) > .5 and
certainty of (pl_finance_eval) < .5 and
certainty of (pl_corporate_eval) > .5 and
certainty of (pl_corporate_eval) < .5 and
certainty of (pl_corporate_eval) > .2 and
certainty of (pl_competitor_eval) < .5 and
certainty of (pl_market_eval) < .5 and
certainty of (pl_market_eval) > .2 and
certainty of (pl_product_eval) > .5 or
certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) > .2 and
certainty of (pl_competitor_eval) > .5 and
certainty of (pl_finance_eval) > .2 and
certainty of (pl_competitor_eval) > .5 and
certainty of (pl_corporate_eval) > .5 and
certainty of (pl_market_eval) < .5 and
certainty of (pl_market_eval) > .2 and
certainty of (pl_product_eval) < .5 and
certainty of (pl_product_eval) > .2 or
certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) > .2 and
certainty of (pl_corporate_eval) > .5 and
certainty of (pl_competitor_eval) < .5 and
certainty of (pl_competitor_eval) > .2 and
certainty of (pl_market_eval) > .5 and

certainty of (pl_product_eval) < .5 and
certainty of (pl_product_eval) > .2 or
certainty of (pl_finance_eval) < .5 and
certainty of (pl_corporate_eval) > .5 and
certainty of (pl_finance_eval) < .2 and
certainty of (pl_product_eval) > .5 or
certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) > .2 and
certainty of (pl_corporate_eval) < .5 and
certainty of (pl_corporate_eval) > .2 and
certainty of (pl_competitor_eval) > .5 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) > .2 and
certainty of (pl_corporate_eval) < .5 and
certainty of (pl_corporate_eval) > .2 and
certainty of (pl_competitor_eval) < .5 and
certainty of (pl_competitor_eval) > .2 and
certainty of (pl_market_eval) > .5 and

certainty of (pl_product_eval) < .5 and
certainty of (pl_product_eval) > .2 or
certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) > .2 and
certainty of (pl_corporate_eval) < .5 and
certainty of (pl_corporate_eval) > .2 and
certainty of (pl_competitor_eval) < .5 and
certainty of (pl_competitor_eval) > .2 and
certainty of (pl_market_eval) > .5 and

certainty of (pl_product_eval) < .5 and
certainty of (pl_product_eval) > .2 and
certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) > .2 or
certainty of (pl_corporate_eval) < .5 and
certainty of (pl_corporate_eval) > .2 and
certainty of (pl_competitor_eval) < .5 and
certainty of (pl_competitor_eval) > .2 and
certainty of (pl_market_eval) > .5 and

certainty of (pl_product_eval) > .5

then establish pl_fin_msg_am_eval immediate and
pl_final_flag = 2
PROP Rule type
  Inference
RULE PL_EVAL_4
PROP Rule text
if certainty of (pl_finance_eval) < .2 and
  certainty of (pl_market_eval) > .0 and
  certainty of (pl_corporate_eval) < .2 and
  certainty of (pl_competitor_eval) > .0 and
  certainty of (pl_product_eval) < .2 and
  certainty of (pl_product_eval) > .0
then establish pl_fin_msg_re_eval immediate and
pl_final_flag = 3
PROP Rule type
  Inference
RULE PL_LOG_RESULT
PROP Rule text
if ask_type = 'Product Line'
then result = pl_final_eval
  PROP Rule type
  Inference
RULE GET_NEW_PROFILE
PROP Rule text
if profile_old is 'New Profile'
then establish new_profile immediate
  PROP Rule type
  Inference
RULE GET_OLD_PROFILE
PROP Rule text
if profile_old is not 'New Profile'
then establish ask_old immediate
  PROP Rule type
  Inference
RULE NEW_ROW
PROP Rule text
if profile_old is 'New Profile'
then rpl_name = dpl_name
  PROP Rule type
  Inference
RULE OLD_ROW
PROP Rule text
if profile_old is not 'New Profile'
then rpl_name = ex_profile_pl
  PROP Rule type
  Inference
RULE PL_VH_FIND
PROP Rule text
if 1 of the following (pl_m_value = 'Very Important',
  pl_f_value = 'Very Important',
  pl_p_value = 'Very Important',

pl_comp_value = 'Very Important',
pl_corp_value = 'Very Important'
then establish pl_vh_figure immediate
PROP Rule type
Inference
RULE PL_H_FIND
PROP Rule text
if 1 of the following (pl_m_value = 'Important',
pl_f_value = 'Important', pl_p_value = 'Important',
pl_comp_value = 'Important', pl_corp_value = 'Important')
then establish pl_h_figure immediate
PROP Rule type
Inference
RULE PL_MOD_FIND
PROP Rule text
if 1 of the following (pl_m_value = 'Average',
pl_f_value = 'Average', pl_p_value = 'Average',
pl_comp_value = 'Average', pl_corp_value = 'Average')
then establish pl_mod_figure immediate
PROP Rule type
Inference
RULE PL_L_FIND
PROP Rule text
if 1 of the following (pl_m_value = 'Not Important',
pl_f_value = 'Not Important', pl_p_value = 'Not Importa
nt', pl_comp_value = 'Not important',
pl_corp_value = 'Not Important')
then establish pl_l_figure immediate
PROP Rule type
Inference
RULE PL_VL_FIND
PROP Rule text
if 1 of the following (pl_m_value = 'Not At All Importa
nt', pl_f_value = 'Not At All Important',
pl_p_value = 'Not At All Important',
pl_comp_value = 'Not At All Important',
pl_corp_value = 'Not At All Important')
then establish pl_vl_figure immediate
PROP Rule type
Inference
RULE PL_M_VH
PROP Rule text
if pl_m_value = 'Very Important'
then establish plf_market_eval
PROP Rule type
Inference
RULE PL_F_VH
PROP Rule text
if pl_f_value = 'Very Important'
then establish plf_finance_eval
PROP Rule type
Inference
RULE PL_P_VH
PROP Rule text
if pl_p_value = 'Very Important'

then establish plf_product_eval
PROP Rule type
Inference
RULE PL_COMP_VH
PROP Rule text
if pl_comp_value = 'Very Important'

then establish plf_competitors_eval
PROP Rule type
Inference
RULE PL_COMP_VH
PROP Rule text
if pl Corp_value = 'Very Important'

then establish plf_corporate_eval
PROP Rule type
Inference
RULE PL_M_H
PROP Rule text
if pl_m_value = 'Important'

then establish plf_market_eval
PROP Rule type
Inference
RULE PL_F_H
PROP Rule text
if pl_f_value = 'Important'

then establish plf_finance_eval
PROP Rule type
Inference
RULE PL_P_M
PROP Rule text
if pl_p_value = 'Important'

then establish plf_product_eval
PROP Rule type
Inference
RULE PL_COMP_H
PROP Rule text
if pl_comp_value = 'Important'

then establish plf_competitors_eval
PROP Rule type
Inference
RULE PL_CORP_H
PROP Rule text
if pl_corp_value = 'Important'

then establish plf_corporate_eval
PROP Rule type
Inference
RULE PL_M_MOD
PROP Rule text
if pl_m_value = 'Average'

then establish plf_market_eval
PROP Rule type
Inference
RULE PL_F_MOD
PROP Rule text
if pl_f_value = 'Average'

then establish plf_finance_eval
PROP Rule type
Inference
RULE PL_COMP_MOD
PROP Rule text
if pl_comp_value = 'Average'

then establish plf_competitors_eval
PROP Rule type
Inference
RULE PL_CORP_MOD
PROP Rule text
if pl_corp_value = 'Average'

then establish plf_corporate_eval
PROP Rule type
Inference
RULE PL_P_MOD
PROP Rule text
if pl_p_value = 'Average'

then establish plf_product_eval
PROP Rule type
Inference
RULE PL_M_L
PROP Rule text
if pl_m_value = 'Not Important'
then establish plf_market_eval
  PROP Rule type
  Inference
  RULE PL_F_L
  PROP Rule text
  if pl_f_value = 'Not Important'

then establish plf_finance_eval
  PROP Rule type
  Inference
  RULE PL_P_L
  PROP Rule text
  if pl_p_value = 'Not Important'

then establish plf_product_eval
  PROP Rule type
  Inference
  RULE PL_COMP_L
  PROP Rule text
  if pl_comp_value = 'Not Important'

then establish plf_competitors_eval
  PROP Rule type
  Inference
  RULE PL_CORP_L
  PROP Rule text
  if pl_corp_value = 'Not Important'

then establish plf_corporate_eval
  PROP Rule type
  Inference
  RULE PL_M_VL
  PROP Rule text
  if pl_m_value = 'Not At All Important'

then establish plf_market_eval
  PROP Rule type
  Inference
  RULE PL_F_VL
  PROP Rule text
  if pl_f_value = 'Not At All Important'

then establish plf_finance_eval
  PROP Rule type
  Inference
  RULE PL_P_VL
  PROP Rule text
  if pl_p_value = 'Not At All Important'
then establish plf_product_eval
PROP Rule type
  Inference
RULE PL_COMP_VL
PROP Rule text
if pl_comp_value = 'Not At All Important'

then establish plf_competitors_eval
PROP Rule type
  Inference
RULE PL_CORP_VL
PROP Rule text
if pl_corp_value = 'Not At All Important'

then establish plf_corporate_eval
PROP Rule type
  Inference
RULE PL_SEASON_VH_MV
PROP Rule text
if pl_m_season is 'Very High'
then pl_mv_season = 5
PROP Rule type
  Inference
RULE PL_SEASON_H_MV
PROP Rule text
if pl_m_season is 'High'
then pl_mv_season = 4
PROP Rule type
  Inference
RULE PL_SEASON_MOD_MV
PROP Rule text
if pl_m_season is 'Average'
then pl_mv_season = 3
PROP Rule type
  Inference
RULE PL_SEASON_L_MV
PROP Rule text
if pl_m_season is 'Low'
then pl_mv_season = 2
PROP Rule type
  Inference
RULE PL_SEASON_VL_MV
PROP Rule text
if pl_m_season is 'Very Low'
then pl_mv_season = 1
PROP Rule type
  Inference
RULE WF_PL_FACTOR_PAM_EVAL
PROP Rule text
if certainty of (pl_product_eval) < .5 and
certainty of (pl_product_eval) > .2
then establish pl_msg_am_eval and
PL_FAC_INT_FLAG = 2
PROP Rule type
Inference
RULE MF_PL_FACTOR_PRE_EVAL
PROP Rule text
if certainty of (pl_product_eval) <= .2 and
certainty of (pl_product_eval) > .0
then establish pl_msg_re_eval and
pl_fac_int_flag = 3
PROP Rule type
Inference
RULE MF_PL_FACTOR_PD_EVAL
PROP Rule text
if certainty of (pl_product_eval) < .0
then establish pl_msg_d_eval and
pl_fac_int_flag = 4
PROP Rule type
Inference
RULE PL_S_ECON_VH_MV
PROP Rule text
if pl_m_s_econ is 'Very High'
then pl_mv_s_econ = 5
PROP Rule type
Inference
RULE PL_S_ECON_H_MV
PROP Rule text
if pl_m_s_econ is 'High'
then pl_mv_s_econ = 4
PROP Rule type
Inference
RULE PL_S_ECON_MOD_MV
PROP Rule text
if pl_m_s_econ is 'Average'
then pl_mv_s_econ = 3
PROP Rule type
Inference
RULE PL_S_ECON_L_MV
PROP Rule text
if pl_m_s_econ is 'Low'
then pl_mv_s_econ = 2
PROP Rule type
Inference
RULE PL_S_ECON_VL_MV
PROP Rule text
if pl_m_s_econ is 'Very Low'
then pl_mv_s_econ = 1
PROP Rule type
Inference
RULE PL_F_GMARGIN_A_EVAL
PROP Rule text
if pl_f_gmargin >= rpl_f_gmargin
then there is some evidence that pl_finance_eval is
'approve'
PROP Rule type
Inference
RULE PL_F GMARGIN D EVAL
PROP Rule text
if pl_f_gmargin < rpl_f_gmargin
then there is some negative evidence that
pl_finance_eval is 'approve'
PROP Rule type
Inference

RULE PL_F PAYBACK A EVAL
PROP Rule text
if pl_f_payback <= rpl_f_payback
then there is some evidence that pl_finance_eval is
'approve'
PROP Rule type
Inference

RULE PL_F PAYBACK D EVAL
PROP Rule text
if pl_f_payback > rpl_f_payback
then there is some negative evidence that
pl_finance_eval is 'approve'
PROP Rule type
Inference

RULE PL_F RETURN A EVAL
PROP Rule text
if pl_f_return >= rpl_f_return
then there is some evidence that pl_finance_eval is
'approve'
PROP Rule type
Inference

RULE PL_F RETURN D EVAL
PROP Rule text
if pl_f_return < rpl_f_return
then there is some negative evidence that
pl_finance_eval is 'approve'
PROP Rule type
Inference

RULE PL_F VOLL A EVAL
PROP Rule text
if pl_f_vol >= rpl_f_vol
then there is some evidence that pl_finance_eval is
'approve'
PROP Rule type
Inference

RULE PL_F VOLL D EVAL
PROP Rule text
if pl_f_vol < rpl_f_vol
then there is some negative evidence that
pl_finance_eval is 'approve'
PROP Rule type
Inference

RULE PL_M GRW RATE A EVAL
PROP Rule text
if pl_m_grw_rate >= rpl_m_grw_rate
then there is some evidence that pl_market_eval is
'approve'
PROP Rule type
Inference
RULE PL_M_GROW_RATE_D_EVAL
PROP Rule text
if pl_m_grow_rate < rpl_m_grow_rate
then there is some negative evidence that
pl_market_eval is 'approve'
PROP Rule type
Inference
RULE PL_M_SIZE_A_EVAL
PROP Rule text
if pl_m_size > rpl_m_size
then there is some evidence that pl_market_eval is
'approve'
PROP Rule type
Inference
RULE PL_M_SIZE_D_EVAL
PROP Rule text
if pl_m_size < rpl_m_size
then there is some negative evidence that
pl_market_eval is 'approve'
PROP Rule type
Inference
RULE PL_M_SEASON_A_EVAL
PROP Rule text
if pl_m_season <= rpl_m_season
then there is some evidence that pl_market_eval is
'approve'
PROP Rule type
Inference
RULE PL_M_SEASON_D_EVAL
PROP Rule text
if pl_m_season > rpl_m_season
then there is some negative evidence that
pl_market_eval is 'approve'
PROP Rule type
Inference
RULE PL_M_S_ECON_A_EVAL
PROP Rule text
if pl_m_s_econ <= rpl_m_s_econ
then there is some evidence that pl_market_eval is
'approve'
PROP Rule type
Inference
RULE PL_M_S_ECON_D_EVAL
PROP Rule text
if pl_m_s_econ > rpl_m_s_econ
then there is some negative evidence that
pl_market_eval is 'approve'
PROP Rule type
Inference
RULE PL_EVAL_1
PROP Rule text
fif certainty of (pl_finance_eval) > .5 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_corporate_eval) > .5 and
certainty of (p1_competitor_eval) > .5 and
certainty of (p1_product_eval) > .5
then establish p1_fin_msg_a_eval immediate and
p1_final_flag = 1

PROP Rule type
Inference
RULE PL EVAL 2
PROP Rule text
if certainty of (p1_financial_eval) > .5 and
certainty of (p1_corporate_eval) < .5 and
certainty of (p1_competitor_eval) > .2 and
certainty of (p1_product_eval) < .5 and
certainty of (p1_market_eval) < .5 and
certainty of (p1_product_eval) > .2 or
certainty of (p1_financial_eval) < .5 and
certainty of (p1_financial_eval) > .2 and
certainty of (p1_corporate_eval) < .5 and
certainty of (p1_competitor_eval) > .2 and
certainty of (p1_product_eval) > .5 and
certainty of (p1_market_eval) > .2 and
certainty of (p1_product_eval) > .2 or
certainty of (p1_financial_eval) < .5 and
certainty of (p1_product_eval) > .2 and
certainty of (p1_corporate_eval) > .5 and
certainty of (p1_competitor_eval) < .5 and
certainty of (p1_product_eval) > .2 and
certainty of (p1_market_eval) < .5 and
certainty of (p1_product_eval) > .5 and
certainty of (p1_product_eval) > .2 or
certainty of (p1_competitor_eval) < .5 and
certainty of (p1_competitor_eval) > .2 and
certainty of (p1_product_eval) > .5 and
certainty of (p1_financial_eval) > .2 and
certainty of (p1_financial_eval) < .5 and
certainty of (p1_product_eval) > .2 or
certainty of (p1_financial_eval) > .2 and
certainty of (p1_corporate_eval) < .5 and
certainty of (p1_product_eval) > .2 and
certainty of (p1_market_eval) > .2 and
certainty of (p1_product_eval) > .5 and
certainty of (p1_financial_eval) > .2 and
certainty of (p1_financial_eval) < .5 and
certainty of (p1_product_eval) > .2 or
certainty of (p1_financial_eval) > .2 and
certainty of (p1_competitor_eval) > .2 and
certainty of (p1_product_eval) > .5 and
certainty of (p1_financial_eval) > .2 and
certainty of (p1_financial_eval) < .5 and
certainty of (p1_product_eval) > .2 or
certainty of (p1_financial_eval) > .2 and
then establish p1_fin_msg_a_eval immediate and
p1_final_flag = 2
PROP Rule type
Inference
RULE PL_APPEAL_VH_PV
PROP Rule text
if pl_p_appeal is 'Very High'
then pl_pv_appeal = 5
PROP Rule type
Inference
RULE PL_APPEAL_H_PV
PROP Rule text
if pl_p_appeal is 'High'
then pl_pv_appeal = 4
PROP Rule type
Inference
RULE PL_APPEAL_MOD_PV
PROP Rule text
if pl_p_appeal is 'Average'
then pl_pv_appeal = 3
PROP Rule type
Inference
RULE PL_APPEAL_L_PV
PROP Rule text
if pl_p_appeal is 'Low'
then pl_pv_appeal = 2
PROP Rule type
Inference
RULE PL_APPEAL_VL_PV
PROP Rule text
if pl_p_appeal is 'Very Low'
then pl_pv_appeal = 1
PROP Rule type
Inference
RULE PL_DIST_VH_PV
PROP Rule text
if pl_p_dist is 'Very High'
then pl_pv_dist = 5
PROP Rule type
Inference
RULE PL_DIST_H_PV
PROP Rule text
if pl_p_dist is 'High'
then pl_pv_dist = 4
PROP Rule type
Inference
RULE PL_DIST_MOD_PV
PROP Rule text
if pl_p_dist is 'Average'
then pl_pv_dist = 3
PROP Rule type
Inference
RULE PL_DIST_L_PV
PROP Rule text
if pl_p_dist is 'Low'
then pl_pv_dist = 2
PROP Rule type
Inference
RULE PL_DIST_VL_PV
PROP Rule text
if pl.p_dist is 'Very Low'
then pl.pv_dist = 1
PROP Rule type
Inference
RULE PL_IMAGE_VH_PV
PROP Rule text
if pl.p_image is 'Very High'
then pl.pv_image = 5
PROP Rule type
Inference
RULE PL_IMAGE_H_PV
PROP Rule text
if pl.p_image is 'High'
then pl.pv_image = 4
PROP Rule type
Inference
RULE PL_IMAGE_MOD_PV
PROP Rule text
if pl.p_image is 'Average'
then pl.pv_image = 3
PROP Rule type
Inference
RULE PL_IMAGE_L_PV
PROP Rule text
if pl.p_image is 'Low'
then pl.pv_image = 2
PROP Rule type
Inference
RULE PL_IMAGE_VL_PV
PROP Rule text
if pl.p_image is 'Very Low'
then pl.pv_image = 1
PROP Rule type
Inference
RULE PLIMITATION_VH_PV
PROP Rule text
if pl.p_imitation is 'Very Easy'
then pl.pv_imitation = 5
PROP Rule type
Inference
RULE PLIMITATION_H_PV
PROP Rule text
if pl.p_imitation is 'Easy'
then pl.pv_imitation = 4
PROP Rule type
Inference
RULE PLIMITATION_MOD_PV
PROP Rule text
if pl.p_imitation is 'Average'
then pl.pv_imitation = 3
PROP Rule type
Inference
RULE PLIMITATION_ L PV
PROP Rule text
if pl_p imitation is 'Hard'
then pl_pv imitation = 2
PROP Rule type
Inference
RULE PLIMITATION_ VL PV
PROP Rule text
if pl_p imitation is 'Very Hard'
then pl_pv imitation = 1
PROP Rule type
Inference
RULE MF_PL_FACTOR_ COMPD_EVAL
PROP Rule text
if certainty of (pl_competitor_eval) < .0
then establish pl_msg_d_eval immediate and
pl_fac_int_flag = 4
PROP Rule type
Inference
RULE MF_PL_FACTOR_ CORPAM_EVAL
PROP Rule text
if certainty of (pl_corporate_eval) <= .5 and
certainty of (pl_corporate_eval) > .2
then establish pl_msg_am_eval and
pl_fac_int_flag = 2
PROP Rule type
Inference
RULE MF_PL_FACTOR_ CORPRE_EVAL
PROP Rule text
if certainty of (pl_corporate_eval) <= .2 and
certainty of (pl_corporate_eval) > .0
then establish pl_msg_re_eval and
pl_fac_int_flag = 3
PROP Rule type
Inference
RULE MF_PL_FACTOR_ CORPD_EVAL
PROP Rule text
if certainty of (pl_corporate_eval) < .0
then establish pl_msg_d_eval and
pl_fac_int_flag = 4
PROP Rule type
Inference
RULE MF_PL_FACTOR_ PA_EVAL
PROP Rule text
if certainty of (pl_product_eval) > .5
then establish pl_msg_a_eval and
pl_fac_int_flag = 1
PROP Rule type
Inference
RULE MF_PL_FACTOR_ CORPA_EVAL
PROP Rule text
if certainty of (pl_corporate_eval) > .5
then establish pl_msg_a_eval and
pl_fac_int_flag = 1
PROP Rule type
PROP Rule text
if certainty of (pl_finace_eval) < .5 and
  certainty of (pl_finace_eval) > .2
  then establish pl_msg_am_eval and
pu_fic_int_flag = 2
PROP Rule type
Inference
RULE MF PL_FACTOR_FRE_EVAL
PROP Rule text
if certainty of (pl_finace_eval) <= .2 and
  certainty of (pl_finace_eval) > .0
  then establish pl_msg_re_eval and
pu_fic_int_flag = 3
PROP Rule type
Inference
RULE MF PL_FACTOR_FD_EVAL
PROP Rule text
if certainty of (pl_finace_eval) < .0
  then establish pl_msg_d_eval and
pu_fic_int_flag = 4
PROP Rule type
Inference
RULE PL_QUALITY_VH_COMPV
PROP Rule text
if pl_compq quality is 'Very High'
  then pl_compq quality = 5
PROP Rule type
Inference
RULE PL_QUALITY_H_COMPV
PROP Rule text
if pl_compq quality is 'High'
  then pl_compq quality = 4
PROP Rule type
Inference
RULE PL_QUALITY_MOD_COMPV
PROP Rule text
if pl_compq quality is 'Average'
  then pl_compq quality = 3
PROP Rule type
Inference
RULE PL_QUALITY_L_COMPV
PROP Rule text
if pl_compq quality is 'Low'
  then pl_compq quality = 2
PROP Rule type
Inference
RULE PL_QUALITY_VL_COMPV
PROP Rule text
if pl_compq quality is 'Very Low'
  then pl_compq quality = 1
PROP Rule type
Inference
RULE PL_VULNER_VH_COMPV
PROP Rule text
if pl_compq vulnerability is 'Very High'

then pl comps_vulnerability = 5
PROP Rule type
Inference
RULE PL VULNER_H_COMPV
PROP Rule text
if pl comps_vulnerability is 'High'
then pl comps_vulnerability = 4
PROP Rule type
Inference
RULE PL VULNER_MOD_COMPV
PROP Rule text
if pl comps_vulnerability is 'Average'
then pl comps_vulnerability = 3
PROP Rule type
Inference
RULE PL VULNER_L_COMPV
PROP Rule text
if pl comps_vulnerability is 'Low'
then pl comps_vulnerability = 2
PROP Rule type
Inference
RULE PL VULNER_VL_COMPV
PROP Rule text
if pl comps_vulnerability is 'Very Low'
then pl comps_vulnerability = 1
PROP Rule type
Inference
RULE PL COMP VH_CORPV
PROP Rule text
if pl corp comp is 'Very High'
then pl corp comp = 5
PROP Rule type
Inference
RULE PL COMP H_CORPV
PROP Rule text
if pl corp comp is 'High'
then pl corp comp = 4
PROP Rule type
Inference
RULE PL COMP MOD_CORPV
PROP Rule text
if pl corp comp is 'Average'
then pl corp comp = 3
PROP Rule type
Inference
RULE PL COMP_L_CORPV
PROP Rule text
if pl corp comp is 'Low'
then pl corp comp = 2
PROP Rule type
Inference
RULE PL COMP VL_CORPV
PROP Rule text
if pl corp comp is 'Very Low'
then pl corp comp = 1
PROP Rule type
  Inference
RULE PL_ORG_VH_CORPV
PROP Rule text
if pl_corp.org is 'Very High'
then pl_corp_v_org = 5
PROP Rule type
  Inference
RULE PL_ORG_H_CORPV
PROP Rule text
if pl_corp.org is 'High'
then pl_corp_v_org = 4
PROP Rule type
  Inference
RULE PL_ORG_MOD_CORPV
PROP Rule text
if pl_corp.org is 'Average'
then pl_corp_v_org = 3
PROP Rule type
  Inference
RULE PL_ORG_L_CORPV
PROP Rule text
if pl_corp.org is 'Low'
then pl_corp_v_org = 2
PROP Rule type
  Inference
RULE PL_ORG_VL_CORPV
PROP Rule text
if pl_corp.org is 'Very Low'
then pl_corp_v_org = 1
PROP Rule type
  Inference
RULE PL_PER_M_VH_CORPV
PROP Rule text
if pl_corp.per_marketing is 'Very High'
then pl_corp_v_per_marketing = 5
PROP Rule type
  Inference
RULE PL_PER_M_H_CORPV
PROP Rule text
if pl_corp.per_marketing is 'High'
then pl_corp_v_per_marketing = 4
PROP Rule type
  Inference
RULE PL_PER_M_MOD_CORPV
PROP Rule text
if pl.corp.per_marketing is 'Average'
then pl_corp_v_per_marketing = 3
PROP Rule type
  Inference
RULE PL_PER_M_L_CORPV
PROP Rule text
if pl_corp.per_marketing is 'Low'
then pl_corp_v_per_marketing = 2
PROP Rule type
Inference
RULE PL_PER_M_VL_CORPV
PROP Rule text
if pl_corpv_per_marketing is 'Very Low'
then pl_corpv_per_marketing = 1
PROP Rule type
Inference
RULE PL_PER_T_VH_CORPV
PROP Rule text
if pl_corpv_per_tech is 'Very High'
then pl_corpv_per_tech = 5
PROP Rule type
Inference
RULE PL_PER_T_HI_CORPV
PROP Rule text
if pl_corpv_per_tech is 'High'
then pl_corpv_per_tech = 4
PROP Rule type
Inference
RULE PL_PER_T_MOD_CORPV
PROP Rule text
if pl_corpv_per_tech is 'Average'
then pl_corpv_per_tech = 3
PROP Rule type
Inference
RULE PL_PER_T_LO_CORPV
PROP Rule text
if pl_corpv_per_tech is 'Low'
then pl_corpv_per_tech = 2
PROP Rule type
Inference
RULE PL_PER_T_VL_CORPV
PROP Rule text
if pl_corpv_per_tech is 'Very Low'
then pl_corpv_per_tech = 1
PROP Rule type
Inference
RULE MF_PL_CATCH_EVAL
PROP Rule text
if pl_final_flag = 0
then establish pl_fin_msg_re_eval
PROP Rule type
Inference
RULE PL_EVAL_3
PROP Rule text
if certainty of (pl_finance_eval) > .5 and
certainty of (pl_corporate_eval) > .5 and
certainty of (pl_competitor_eval) > .5 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_product_eval) < .5 and
certainty of (pl_product_eval) > .0 or
certainty of (pl_finance_eval) > .5 and
certainty of (pl_corporate_eval) > .5 and

certainty of (pl_competitor_eval) > .5 and

certainty of (pl_market_eval) < .5 and
certainty of (pl_market_eval) > .0 and
certainty of (pl_product_eval) > .5 or

certainty of (pl_finance_eval) > .5 and

certainty of (pl_corporate_eval) > .5 and
certainty of (pl_competitor_eval) < .5 and
certainty of (pl_competitor_eval) > .0 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_product_eval) > .5 or

certainty of (pl_finance_eval) > .5 and

certainty of (pl_corporate_eval) < .5 and
certainty of (pl_corporate_eval) > .0 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_product_eval) > .5 or

certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) > .0 and
certainty of (pl_fin_msg_a_eval) immediate and
pl_final_flag = 2

PROP Rule type
Inference
RULE PL_EVAL_2B
PROP Rule text
fiff certainty of (pl_finance_eval) > .5 and
certainty of (pl_corporate_eval) > .5 and
certainty of (pl_competitor_eval) > .5 and
certainty of (pl_market_eval) < .5 and
certainty of (pl_market_eval) > .0 and
certainty of (pl_product_eval) < .5 and
certainty of (pl_product_eval) > .0 or
certainty of (pl_finance_eval) > .5 and
certainty of (pl_finance_eval) < .5 and
certainty of (pl_competitor_eval) > .0 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_product_eval) < .5 and
certainty of (pl_product_eval) > .0 or
certainty of (pl_finance_eval) > .5 and
certainty of (pl_corporate_eval) > .5 and
certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) > .0 and
certainty of (pl_corporate_eval) > .5 and

certainty of (pl_market_eval) > .5 and
certainty of (pl_product_eval) < .5 and
certainty of (pl_product_eval) > .0 or
certainty of (pl_finance_eval) > .5 and
certainty of (pl_corporate_eval) < .5 and
certainty of (pl_corporate_eval) > .0 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) < .5 and
certainty of (pl_corporate_eval) < .5 and
certainty of (pl_corporate_eval) > .0 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_product_eval) > .5 or
certainty of (pl_finance_eval) > .5 or
certainty of (pl_finance_eval) < .5 and
certainty of (pl_corporate_eval) < .5 and

certainty of (pl_corporate_eval) > .5 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_product_eval) < .5 or
certainty of (pl_product_eval) > .0 or
certainty of (pl_finance_eval) < .5 or
certainty of (pl_finance_eval) < .0 or
certainty of (pl_corporate_eval) > .5 and
certainty of (pl_competitor_eval) > .5 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_market_eval) < .0 and
certainty of (pl_product_eval) > .5 or
certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) > .0 and
certainty of (pl_corporate_eval) > .5 and
certainty of (pl_competitor_eval) < .5 and
certainty of (pl_competitor_eval) > .0 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_product_eval) > .5 or
certainty of (pl_finance_eval) < .5 and
certainty of (pl_finance_eval) > .0 and
certainty of (pl_corporate_eval) < .5 and
certainty of (pl_corporate_eval) > .0 and
certainty of (pl_competitor_eval) > .5 and
certainty of (pl_market_eval) > .5 and
certainty of (pl_product_eval) > .5

then establish pl_fin_msg_a_eval immediate and
pl_final_flag = 2
PROP Rule type
Inference
RULE PL_P_APPEAL_A_EVAL
PROP Rule text
if pl_pv_appeal >= rpl_pv_appeal
then there is some evidence that pl_product_eval is 'approve'
PROP Rule type
Inference
RULE PL_P_APPEAL_D_EVAL
PROP Rule text
if pl_pv_appeal < rpl_pv_appeal
then there is some negative evidence that
pl_product_eval is 'approve'
PROP Rule type
Inference
RULE PL_P_DIST_A_EVAL
PROP Rule text
if pl_pv_dist >= rpl_pv_dist
then there is some evidence that pl_product_eval is 'approve'
PROP Rule type
Inference
RULE PL_P_DIST_D_EVAL
PROP Rule text
if pl_pv_dist < rpl_pv_dist
then there is some negative evidence that
pl_product_eval is 'approve'
PROP Rule type
Inference
RULE PL_P_IMAGE_A_EVAL
PROP Rule text
if pl_pv_image >= rpl_pv_image
then there is some evidence that pl_product_eval is
'approve'
PROP Rule type
Inference
RULE PL_P_IMAGE_D_EVAL
PROP Rule text
if pl_pv_image < rpl_pv_image
then there is some negative evidence that
pl_product_eval is 'approve'
PROP Rule type
Inference
RULE PL_PIMITATION_A_EVAL
PROP Rule text
if pl_pv_imitation >= rpl_pv_imitation
then there is some evidence that pl_product_eval is
'approve'
PROP Rule type
Inference
RULE PL_PIMITATION_D_EVAL
PROP Rule text
if pl_pv_imitation < rpl_pv_imitation
then there is some negative evidence that
pl_product_eval is 'approve'
PROP Rule type
Inference
RULE PL_CORP_COMP_A_EVAL
PROP Rule text
if pl_corpv_comp >= rpl_corpv_comp
then there is some evidence that pl_corporate_eval
is 'approve'
PROP Rule type
Inference
RULE PL_CORP_COMP_D_EVAL
PROP Rule text
if pl_corpv_comp < rpl_corpv_comp
then there is some negative evidence that
pl_corporate_eval is 'approve'
PROP Rule type
Inference
RULE PL_CORP_ORG_A_EVAL
PROP Rule text
if pl_corpv_org >= rpl_corpv_org
then there is some evidence that pl_corporate_eval
is 'approve'
PROP Rule type
Inference
RULE PL_CORP_ORG_D_EVAL
PROP Rule text
if pl_corpv_org < rpl_corpv_org
then there is some negative evidence that
pl_corporate eval is 'approve'
PROP Rule type
Inference
RULE PL CORP PER M A EVAL
PROP Rule text
if pl corp per marketing < rpl corp per marketing
then there is some evidence that pl_corporate eval
is 'approve'
PROP Rule type
Inference
RULE PL CORP PER M D EVAL
PROP Rule text
if pl corp per marketing >= rpl corp per marketing
then there is some negative evidence that
pl_corporate eval is 'approve'
PROP Rule type
Inference
RULE PL CORP PER T A EVAL
PROP Rule text
if pl corp per tech < rpl corp per tech
then there is some evidence that pl_corporate eval
is 'approve'
PROP Rule type
Inference
RULE PL CORP PER T D EVAL
PROP Rule text
if pl corp per tech >= rpl corp per tech
then there is some negative evidence that
pl_corporate eval is 'approve'
PROP Rule type
Inference
RULE PL CORP OUTLAY A EVAL
PROP Rule text
if pl corp outlay <= rpl corp outlay
then there is some evidence that pl_corporate eval
is 'approve'
PROP Rule type
Inference
RULE PL CORP OUTLAY D EVAL
PROP Rule text
if pl corp outlay > rpl corp outlay
then there is some negative evidence that
pl_corporate eval is 'approve'
PROP Rule type
Inference
RULE PL COMP QUALITY A EVAL
PROP Rule text
if pl compv quality <= rpl compv quality
then there is some evidence that pl_competitor eval
is 'approve'
PROP Rule type
Inference
RULE PL COMP QUALITY D EVAL
PROP Rule text
if pl_compv_quality > rpl_compv_quality
then there is some negative evidence that pl_competitor_eval is 'approve'
PROP Rule type
Inference
RULE PL_COMP_VULNER_A_EVAL
PROP Rule text
if pl_compv_vulnerability > rpl_compv_vulnerability
then there is some evidence that pl_competitor_eval is 'approve'
PROP Rule type
Inference
RULE PL_COMP_VULNER_B_EVAL
PROP Rule text
if pl_compv_vulnerability < rpl_compv_vulnerability
then there is some negative evidence that pl_competitor_eval is 'approve'
PROP Rule type
Inference
RULE NAME_PL_STAT
PROP Rule text
if ask_type = 'Product Line'
then namehold = rpl_name
PROP Rule type
Inference
RULE NAME_B_STAT
PROP Rule text
if ask_type = 'Brand'
then namehold = db_name
PROP Rule type
Inference
RULE NAME_P_STAT
PROP Rule text
if ask_type = 'Product'
then namehold = dp_name
PROP Rule type
Inference
RULE MF_PL_FACTOR_FA_EVAL
PROP Rule text
if certainty of (pl.finance_eval) > .5
then establish pl_msg_a_eval and pl_fac_int_flag = 1
PROP Rule type
Inference
RULE RB_TURNOVER_H_STV
PROP Rule text
if rb_st_turnover is 'Important'
then rb_stv_turnover = 4
PROP Rule type
Inference
RULE B_RELATIONSHIP_E_QUALV
PROP Rule text
if b_qual_relationship is 'excellent'
then b.qual_relationship = 5
PROP Rule type
Inference
RULE B_RELATIONSHIP_G_QUALV
PROP Rule text
if b_qual_relationship is 'good'
then b_qualv_relationship = 4
PROP Rule type
Inference
RULE B_RELATIONSHIP_F_QUALV
PROP Rule text
if b_qual_relationship is 'fair'
then b_qualv_relationship = 3
PROP Rule type
Inference
RULE B_RELATIONSHIP_P_QUALV
PROP Rule text
if b_qual_relationship is 'poor'
then b_qualv_relationship = 2
PROP Rule type
Inference
RULE B_RELATIONSHIP_VP_QUALV
PROP Rule text
if b_qual_relationship is 'very poor'
then b_qualv_relationship = 1
PROP Rule type
Inference
RULE RB_RELATIONSHIP_E_QUALV
PROP Rule text
if rb_qual_relationship is 'excellent'
then rb_qualv_relationship = 5
PROP Rule type
Inference
RULE RB_RELATIONSHIP_GQUALV
PROP Rule text
if rb_qual_relationship is 'good'
then rb_qualv_relationship = 4
PROP Rule type
Inference
RULE RB_RELATIONSHIP_F_QUALV
PROP Rule text
if rb_qual_relationship is 'fair'
then rb_qualv_relationship = 3
PROP Rule type
Inference
RULE RB_RELATIONSHIP_P_QUALV
PROP Rule text
if rb_qual_relationship is 'poor'
then rb_qualv_relationship = 2
PROP Rule type
Inference
RULE RB_RELATIONSHIP_VP_QUALV
PROP Rule text
if rb_qual_relationship is 'very poor'
then rb_qualv_relationship = 1
PROP Rule type
inference
RULE B_REPUTATION_E_STV
PROP Rule text
if b_st_reputation is 'excellent'
then b_stv_reputation = 5
PROP Rule type
Inference
RULE B_REPUTATION_G_STV
PROP Rule text
if b_st_reputation is 'good'
then b_stv_reputation = 4
PROP Rule type
Inference
RULE B_REPUTATION_F_STV
PROP Rule text
if b_st_reputation is 'fair'
then b_stv_reputation = 3
PROP Rule type
Inference
RULE B_REPUTATION_P_STV
PROP Rule text
if b_st_reputation is 'poor'
then b_stv_reputation = 2
PROP Rule type
Inference
RULE B_REPUTATION_VP_STV
PROP Rule text
if b_st_reputation is 'very poor'
then b_stv_reputation = 1
PROP Rule type
Inference
RULE MF_B_VH_FIND
PROP Rule text
if 1 of the following (mf_b_earn_value = 'Very important'
, mf_b_past_value = 'Very important', mf_b_qual_value
= 'Very important', mf_b_size_value = 'Very important',
mf_b_st_value = 'Very important')
then establish mf_b_vh_figure immediate
PROP Rule type
Inference
RULE W_MF_PL
PROP Rule text
if ask_type = 'product line'
then establish product line
PROP Rule type
Inference
RULE W_MF_B
PROP Rule text
if ask_type = 'brand'
then establish brand_name
PROP Rule type
Inference
RULE W_MF_P
PROP Rule text
if ask_type = 'product'
then establish product
PROP Rule type
  Inference
RULE MF_B_EARN_H
PROP Rule text
if mf_b_earn_value = 'Important'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_EARN_VH
PROP Rule text
if mf_b_earn_value = 'Very Important'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_EARN_MOD
PROP Rule text
if mf_b_earn_value = 'Average'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_EARN_L
PROP Rule text
if mf_b_earn_value = 'Not Important'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_EARN_VL
PROP Rule text
if mf_b_earn_value = 'Not At All Important'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_PAST_VH
PROP Rule text
if mf_b_past_value = 'Very Important'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_PAST_H
PROP Rule text
if mf_b_past_value = 'Important'
then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_PAST_MOD
PROP Rule text
if mf_b_past_value = 'Average'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_PAST_L
PROP Rule text
if mf_b_past_value = 'Not Important'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_PAST_VL
PROP Rule text
if mf_b_past_value = 'Not At All Important'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_QUAL_VH
PROP Rule text
if mf_b_qual_value = 'Very Important'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_QUAL_H
PROP Rule text
if mf_b_past_value = 'Important'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_QUAL_MOD
PROP Rule text
if mf_b_past_value = 'Average'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_QUAL_L
PROP Rule text
if mf_b_past_value = 'Not Important'
then establish plf_market_eval
    PROP Rule type
    Inference
    RULE MF_B_QUAL_VL
    PROP Rule text
    if mf_b_qual_value = 'Very Important'

then establish plf_market_eval
    PROP Rule type
    Inference
    RULE MF_B_SIZE_VH
    PROP Rule text
    if mf_b_size_value = 'Very Important'

then establish plf_market_eval
    PROP Rule type
    Inference
    RULE MF_B_SIZE_H
    PROP Rule text
    if mf_b_size_value = 'Important'

then establish plf_market_eval
    PROP Rule type
    Inference
    RULE MF_B_SIZE_MOD
    PROP Rule text
    if mf_b_size_value = 'Average'

then establish plf_market_eval
    PROP Rule type
    Inference
    RULE MF_B_SIZE_L
    PROP Rule text
    if mf_b_size_value = 'Not Important'

then establish plf_market_eval
    PROP Rule type
    Inference
    RULE MF_B_SIZE_VL
    PROP Rule text
    if mf_b_size_value = 'Very Important'

then establish plf_market_eval
    PROP Rule type
    Inference
    RULE MF_B_ST_VH
    PROP Rule text
    if mf_b_st_value = 'Very Important'
then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_ST_H
PROP Rule text
if mf_b_st_value = 'Important'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_ST_MOD
PROP Rule text
if mf_b_earn_value = 'Average'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_ST_L
PROP Rule text
if mf_b_st_value = 'Not At All Important'

then establish plf_market_eval
PROP Rule type
  Inference
RULE MF_B_ST_VL
PROP Rule text
if mf_b_st_value = 'Not At All Important'

then establish plf_market_eval
PROP Rule type
  Inference
SCREEN PROFDISP
PROP Screen Defs.
FIELD
UPTERLEFTROW 1
UPPERLEFTCOL 4
LOWERRIGHTROW 1
LOWERRIGHTCOL 74
STARTLITERAL
You are evaluating a :VL *ask_type against Profile :VL *namehold
ENDLITERAL
FIELDTYPE LITERAL
INITFIELDTYPE LITERAL
BORDER NO
ARROWROW O
ARROWCOL 0
CERTAINTYWIDTH 0
FORMAT DEFAULT
HEADER DEFAULT
REQUIRED NO
DISPLAYONLY YES
LISTVALID NO
COLOR? BLUE
INTENSITY NORMAL
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR? GREEN
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
SCREEN TITLE
PROP Screen Defs.
FIELD
UPPERLEFTROW 3
UPPERLEFTCOL 13
LOWERRIGHTROW 6
LOWERRIGHTCOL 67
STARTLITERAL
III N N N N 0000 V V AA TTT 0000 RRRR
I N N N NN N 0 O V V A A T 0 0 R R
I N N N N N N O O V V AAAA T 0 0 R R
III N N N N 0000 V A A T 0000 R R
ENDLITERAL
FIELDTYPE LITERAL
INITFIELDTYPE LITERAL
BORDER NO
ARROWROW 0
ARROWCOL 0
CERTAINTYWIDTH 0
FORMAT NO
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED NO
DISPLAYONLY YES
LISTVALID NO
COLOR? BLUE
INTENSITY BRIGHT
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR? GREEN
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
FIELD
UPPERLEFTROW 8
UPPERLEFTCOL 5
LOWERRIGHTROW 19
LOWERRIGHTCOL 73
FIELDTYPE DISPLAY
INITFIELDTYPE DISPLAY
BORDER YES
ARROWROW 0
ARROWCOL 0
CERTAINTYWIDTH 0
FORMAT DEFAULT
HEADER DEFAULT
VALUES DEFAULT
FORMAT NO
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED NO
DISPLAYONLY YES
LISTVALID NO
COLOR7 BLUE
INTENSITY BRIGHT
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR7 GREEN
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
FIELD
UPPERLEFTROW 8
UPPERLEFTCOL 5
LOWERRIGHTROW 10
LOWERRIGHTCOL 73
FIELDTYPE QUESTION
FIELDTYPE HOW
FIELDTYPE WHAT
FIELDTYPE WHY
INITFIELDTYPE QUESTION
BORDER YES
ARROWROW 0
ARROWCOL 0
CERTAINTYWIDTH 0
FORMAT YES
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED NO
DISPLAYONLY YES
LISTVALID YES
COLOR7 WHITE
INTENSITY NORMAL
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR7 GREEN
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
FIELD
UPPERLEFTROW 12
UPPERLEFTCOL 5
LOWERRIGHTROW 20
LOWERRIGHTCOL 37
FIELDTYPE ANSWER
INITFIELDTYPE ANSWER
BORDER NO
ARROWROW 0
ARROWCOL 0
CERTAINTYWIDTH 2
FORMAT YES
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED YES
DISPLAYONLY NO
LISTVALID YES
COLOR7 TURQUOISE
INTENSITY NORMAL
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR7 YELLOW
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
FIELD
UPPERLEFTROW 22
UPPERLEFTCOL 5
LOWERRIGHTROW 22
LOWERRIGHTCOL 76
STARTLITERAL
PF1 Help PF2 Review PF4 What PF7 Up PF8 Down PF10 How PF11 Why
ENDLITERAL
FIELDTYPE LITERAL
INITFIELDTYPE LITERAL
BORDER NO
ARROWROW 0
ARROWCOL 0
CERTAINTY WIDTH 0
FORMAT DEFAULT
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED NO
DISPLAYONLY YES
LISTVALID NO
COLOR7 BLUE
INTENSITY NORMAL
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR7 GREEN
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
SCREEN: STRENT
PROP: Screen Defs.
FIELD
UPPERLEFTROW 1
UPPERLEFTCOL 4
LOWERRIGHTROW 1
LOWERRIGHTCOL 74
STARTLITERAL
You are evaluating a :VL *ask_type against Profile :VL *namehold
ENDLITERAL
FIELDTYPE LITERAL
INITFIELDTYPE LITERAL
BORDER NO
ARROWROW 0
ARROWCOL 0
CERTAINTY WIDTH 0
FORMAT DEFAULT
HEADER DEFAULT
VALUES DEFAULT
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED NO
DISPLAYONLY YES
LISTVALID YES
COLOR7 WHITE
INTENSITY NORMAL
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR7 GREEN
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
FIELD
UPPERLEFTROW 13
UPPERLEFTCOL 5
LOWERRIGHTROW 15
LOWERRIGHTCOL 73
FIELDTYPE ANSWER
INITFIELDTYPE ANSWER
BORDER NO
ARROWROW O
ARROWCOL O
CERTAINTYWIDTH O
FORMAT YES
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED YES
DISPLAYONLY NO
LISTVALID YES
COLOR7 TURQUOISE
INTENSITY NORMAL
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR7 YELLOW
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
FIELD
UPPERLEFTROW 22
UPPERLEFTCOL 5
LOWERRIGHTROW 22
LOWERRIGHTCOL 76
STARTLITERAL
PF1 Help PF2 Review PF4 What PF7 Up PF8 Down PF10 How PF11 Why
ENDLITERAL
FIELDTYPE LITERAL
INITFIELDTYPE LITERAL
BORDER NO
ARROWROW O
ARROWCOL O
CERTAINTYWIDTH O
FORMAT DEFAULT
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED NO
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DISPLAYONLY YES
LISTVALID NO
COLOR7 BLUE
INTENSITY NORMAL
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR7 GREEN
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
SCREEN CHOOSE
PROP Screen Defs.
FIELD
UPPERLEFTROW 3
UPPERLEFTCOL 13
LOWERIGHTROW 6
LOWERIGHTCOL 67
STARTLITERAL
III N N N N 0000 V V AA TTT 0000 RRRR
I N N N N N N N N O O V V A A T T O O R R R
I N N N N N N N N O O V V A A T T O O R R R
III N N N N 0000 V V A A T T 0000 R R
ENDLITERAL
FIELDTYPE LITERAL
INITFIELDTYPE LITERAL
BORDER NO
ARROWROW O
ARROWCOL O
CERTAINTYWIDTH 0
FORMAT NO
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED NO
DISPLAYONLY YES
LISTVALID NO
COLOR7 BLUE
INTENSITY BRIGHT
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR7 GREEN
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
FIELD
UPPERLEFTROW 8
UPPERLEFTCOL 5
LOWERIGHTROW 72
LOWERIGHTCOL 73
FIELDTYPE QUESTION
FIELDTYPE HOW
FIELDTYPE WHAT
FIELDTYPE WHY
INITFIELDTYPE QUESTION
BORDER YES
ARROWROW O
ARROWCOL O
CERTAINTYWIDTH 0
FORMAT YES
DISPLAYONLY YES
LISTVALID NO
COLOR? BLUE
INTENSITY NORMAL
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR? GREEN
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
SCREEN STRENTI
PROP Screen Defs.
FIELD
UPPERLEFTROW 3
UPPERLEFTCOL 13
LOWERRIGHTROW 6
LOWERRIGHTCOL 67
STARTLITERAL
III N N N N 0000 V V AA TTT 0000 RRRR
I N N N N N N O O V V A A T 0 0 R R
I N N N N N N O O V V A A A A T 0 0 R R
III N N N N 0000 V V A A T 0000 R R
ENDLITERAL
FIELDTYPE LITERAL
INITFIELDTYPE LITERAL
BORDER NO
ARROWROW O
ARROWCOL O
CERTAINTYWIDTH O
FORMAT NG
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED NO
DISPLAYONLY YES
LISTVALID NO
COLOR? BLUE
INTENSITY BRIGHT
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR? GREEN
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
FIELD
UPPERLEFTROW 8
UPPERLEFTCOL 5
LOWERRIGHTROW 10
LOWERRIGHTCOL 73
FIELDTYPE QUESTION
FIELDTYPE HOW
FIELDTYPE WHAT
FIELDTYPE WHY
INITFIELDTYPE QUESTION
BORDER YES
ARROWROW O
ARROWCOL O
CERTAINTYWIDTH O
FORMAT YES
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED NO
DISPLAYONLY YES
LISTVALID YES
COLOR? WHITE
INTENSITY NORMAL
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR? GREEN
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
FIELD
UPPERLEFTROW 13
UPPERLEFTCOL 5
LOWERRIGHTROW 15
LOWERRIGHTCOL 73
FIELDTYPE ABSTAIN
INITFIELDTYPE ANSWER
BORDER NO
ARROWROW 0
ARROWCOL 0
CERTAINWIDTH 0
FORMAT YES
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED YES
DISPLAYONLY NO
LISTVALID YES
COLOR? TURQUOISE
INTENSITY NORMAL
HIGHLIGHT NO HIGHLIGHT
CERTCOLOR? YELLOW
CERTINTENSITY NORMAL
CERTHIGHLIGHT NO HIGHLIGHT
FIELD
UPPERLEFTROW 22
UPPERLEFTCOL 5
LOWERRIGHTROW 22
LOWERRIGHTCOL 76
STARTLITERAL
PF1 Help PF2 Review PF4 What PF7 Up PF8 Down PF10 How PF11 Why
ENDLITERAL
FIELDTYPE LITERAL
INITFIELDTYPE LITERAL
BORDER NO
ARROWROW 0
ARROWCOL 0
CERTAINWIDTH 0
FORMAT DEFAULT
HEADER DEFAULT
VALUES DEFAULT
KNOWN DEFAULT
REQUIRED NO
GROUP PLG
  PROP Member list
PARAMETER PL_COMP_QVALITY
PARAMETER PL_COMP_VULNERABILITY
PARAMETER PL_CORP_COMP
PARAMETER PL_CORP_OG
PARAMETER PL_CORP_OUTLAY
PARAMETER PL_CORP_PER_MARKETING
PARAMETER PL_CORP_PER_TECH
PARAMETER PL_P_MARGIN
PARAMETER PL_P_PAYBACK
PARAMETER PL_P_RETURN
PARAMETER PL_P_VOL
PARAMETER PL_M_GROW_RATE
PARAMETER PL_M_SEASON
PARAMETER PL_M_SIZE
PARAMETER PL_M_S_ECON
PARAMETER PL_P_APPEAL
PARAMETER PL_P_DIST
PARAMETER PL_P_IMAGE
PARAMETER PL_PIMITATION
GROUP PL VALUES
  PROP Member list
PARAMETER PL_M_VALUE
PARAMETER PL_P_VALUE
PARAMETER PL_P_COMP_VALUE
PARAMETER PL_P_CORP_VALUE
GROUP PL FIGURE
  PROP Member list
RULE:PL_VH_FIND
RULE:PL_H_FIND
RULE:PL_MOD_FIND
RULE:PL_L_FIND
RULE:PL_VL_FIND
GROUP PL MARKET
  PROP Member list
PARAMETER PL_M_SIZE
PARAMETER PL_M_GROW_RATE
PARAMETER PL_M_S_ECON
PARAMETER PL_M_SEASON
GROUP PL FINANCE
  PROP Member list
PARAMETER PL_P_MARGIN
PARAMETER PL_P_PAYBACK
PARAMETER PL_P_RETURN
PARAMETER PL_P_VOL
GROUP PL PRODUCT
  PROP Member list
PARAMETER PL_P_APPEAL
PARAMETER PL_P_DIST
PARAMETER PL_P_IMAGE
PARAMETER PL_PIMITATION
GROUP PL COMPETITORS
  PROP Member list
PARAMETER: PL_COMP_QUALITY
PARAMETER: PL_COMP_VULNERABILITY
GROUP PL_CORPORATE
  PROP Member list
PARAMETER: PL_CORP_COMP
PARAMETER: PL_CORP_ORG
PARAMETER: PL_CORP_OUTLAY
PARAMETER: PL_CORP_PER_MARKETING
PARAMETER: PL_CORP_PER_TECH
GROUP PL_VH_PICK
  PROP Member list
RULE: PL_M_VH
RULE: PL_F_VH
RULE: PL_P_VH
RULE: PL_COMP_VH
RULE: PL_CORP_VH
GROUP PL_H_PICK
  PROP Member list
RULE: PL_M_H
RULE: PL_F_H
RULE: PL_P_H
RULE: PL_COMP_H
RULE: PL_CORP_H
GROUP PL_MOD_PICK
  PROP Member list
RULE: PL_M_MOD
RULE: PL_F_MOD
RULE: PL_P_MOD
RULE: PL_COMP_MOD
RULE: PL_CORP_MOD
GROUP PL_L_PICK
  PROP Member list
RULE: PL_M_L
RULE: PL_F_L
RULE: PL_P_L
RULE: PL_COMP_L
RULE: PL_CORP_L
GROUP PL_VL_PICK
  PROP Member list
RULE: PL_M_VL
RULE: PL_F_VL
RULE: PL_P_VL
RULE: PL_COMP_VL
RULE: PL_CORP_VL
GROUP COMP_FAC_EVAL
  PROP Member list
RULE: MF_PL_FACTOR_COMPA_EVAL
RULE: MF_PL_FACTOR_COMPA_EVAL
RULE: MF_PL_FACTOR_COMPRE_EVAL
RULE: MF_PL_FACTOR_COMPRE_EVAL
GROUP CORP_FAC_EVAL
  PROP Member list
RULE: MF_PL_FACTOR_CORPA_EVAL
RULE: MF_PL_FACTOR_CORPA_EVAL
RULE: MF_PL_FACTOR_CORPRE_EVAL
RULE: MF_PL_FACTOR_CORPRE_EVAL
RULE MF.PL_FACTOR_CORPD_EVAL
  GROUP PROD.FAC_EVAL
  PROP Member list
RULE:MF.PL_FACTOR_PA_EVAL
RULE:MF.PL_FACTOR_PAM_EVAL
RULE:MF.PL_FACTOR_PRE_EVAL
RULE:MF.PL_FACTOR_PD_EVAL
  GROUP MAN.FAC_EVAL
  PROP Member list
RULE:MF.PL_FACTOR_MA_EVAL
RULE:MF.PL_FACTOR_MAAM_EVAL
RULE:MF.PL_FACTOR_MRE_EVAL
RULE:MF.PL_FACTOR_MD_EVAL
  GROUP FIN.FAC_EVAL
  PROP Member list
RULE:MF.PL_FACTOR_FA_EVAL
RULE:MF.PL_FACTOR_FAM_EVAL
RULE:MF.PL_FACTOR_FRE_EVAL
RULE:MF.PL_FACTOR_FD_EVAL
  GROUP MF.PL_FIN_RULES_EVAL
  PROP Member list
RULE:PL_EVAL_1
RULE:PL_EVAL_2
RULE:PL_EVAL_2A
RULE:PL_EVAL_4
RULE:PL_EVAL_6
RULE:PL_EVAL_3
RULE:PL_EVAL_2B
  GROUP NAMESTAT
  PROP Member list
RULE:NAM PLA STAT
RULE:NAM P STAT
RULE:NAM B STAT
  GROUP DB_BUILD
  PROP Member list
PARAMETER:USERCO
PARAMETER:USERNAME
PARAMETER:DPL_NAME
  GROUP MF.B_VH_PICK
  PROP Member list
RULE:MF.B_EARN_VH
RULE:MF.B_PAST_VH
RULE:MF.B_QUAL_VH
RULE:MF.B_SIZE_VH
RULE:MF.B_ST_VH
  GROUP MF.WHICH
  PROP Member list
RULE:W:MF.PL
RULE:W:MF.B
RULE:W:MF.P
  GROUP MF.BRAND_VALUES
  PROP Member list
PARAMETER:MF.B_EARN_VALUE
PARAMETER:MF.B_PAST_VALUE
PARAMETER:MF.B_QUAL_VALUE
PARAMETER MF_B SIZE VALUE
PARAMETER MF_B ST VALUE
GROUP MF_B_H PICK
  PROP Member list
  RULE: MF_B EARN_H
  RULE: MF_B PAST_H
  RULE: MF_B QUAL_H
  RULE: MF_B SIZE_H
  RULE: MF_B ST_H
GROUP MF_B_MOD PICK
  PROP Member list
  RULE: MF_B EARN_MOD
  RULE: MF_B PAST_MOD
  RULE: MF_B QUAL_MOD
  RULE: MF_B SIZE_MOD
  RULE: MF_B ST_MOD
GROUP MF_B_L PICK
  PROP Member list
  RULE: MF_B EARN_L
  RULE: MF_B PAST_L
  RULE: MF_B QUAL_L
  RULE: MF_B SIZE_L
  RULE: MF_B ST_L
GROUP MF_B_VL PICK
  PROP Member list
  RULE: MF_B EARN_VL
  RULE: MF_B PAST_VL
  RULE: MF_B QUAL_VL
  RULE: MF_B SIZE_VL
  RULE: MF_B ST_VL
GROUP MF_B_EARN_Q
  PROP Member list
PARAMETER B_EARN_COMMISSION
PARAMETER B_EARN_MIN_AMOUNT
GROUP MF_B_PAST_Q
  PROP Member list
PARAMETER B_PAST_GROWTH
PARAMETER B_PAST_RETURN
PARAMETER B_PAST_TOP20
GROUP MF_B_QUAL_Q
  PROP Member list
PARAMETER B_QUAL_AVAILABILITY
PARAMETER B_QUAL_RELATIONSHIP
PARAMETER B_QUAL_SWITCH
GROUP MF_B_SIZE_Q
  PROP Member list
PARAMETER B_SIZE_ASSETS
PARAMETER B_SIZE_NUMBER
PARAMETER B_SIZE_RANGE
GROUP MF_B_ST_Q
  PROP Member list
PARAMETER B_ST_AGE
PARAMETER B_ST_REPUTATION
PARAMETER B_ST_TURNROVER
FCB OVERMODULE
PROP Parent
ROOT
PROP Control text
ask intro;
establish which;
PROP Announce
:CE ON
WELCOME TO INNOVATOR!

The Financial Services Expert System.
:CE OFF

PROP Max instances
1
PROP Display Screen
SCREEN:TITLE
PROP Multi Choice Scr
SCREEN:CHOOSE
PROP Enter Value Scr
SCREEN:CHOOSE
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB WHICH
PROP Parent
OVERMODULE
PROP Control text
ask ask_type;
ask ask_pl;
discover
-- use mf_which:
determine result:
display (log_build,datetime);
access (insert(fuserc0,username,usertitle,ask_type,
namehold));
PROP Announce
INNOVATOR will assist you in evaluating any of the following types of Financial Services:
:CE ON
- 1) A Product Line (e.g. Stocks, Mutual Funds, etc.)
- 2) A Product (e.g. Overseas Funds, etc.)
3) A Brand (e.g. Fidelity, Pioneer, Destiny, etc.)

ICE OFF
INNOVATOR will conduct the evaluation by asking you questions concerning the Financial Service of your choice. You can ask for clarifications by using the appropriate function keys.

PROP Max instances
1
PROP Display Screen
SCREEN:TITLE
PROP Multi Choice Scr
SCREEN:CHOSE
PROP Enter Value Scr
SCREEN:CHOSE
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB PRODUCT LINE
PROP Parent
WHICH
PROP Control text
access (select prof_lst);
determine profile_old;
determine rpl_name;
discover
-- use (get_new_profile, get_old_profile);
determine namehold;
establish mf_pl_factor_text;
ask pl_values;
discover
-- use pl_vh_find;
discover
-- use pl_h_find;
discover
-- use pl_mod_find;
discover
-- use pl_l_find;
discover
-- use pl_vl_find;
determine pl_final_eval;
discover
-- use mf_pl_fin_rules_eval;
determine pl_final_flag;
discover -- use mf_pl_catch_eval;
PROP Max instances
1
PROP Display Screen
SCREEN:TITLE
  PROP Multi Choice Scr
SCREEN:CHOSE
  PROP Enter Value Scr
SCREEN:CHOSE
  PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB NEW PROFILE
PROP Parent
PRODUCT LINE
PROP Control text
ask dpl_name;
discover
-- use namestat;
ask dpl_quest;

access (insert (db_build, dpl.corp_outlay_n,
dpl.corp_outlay));
access (insert(db_build, dpl_f_gmargin_n, dpl_f_gmargin
));
access (insert(db_build, dpl_f_payback_n, dpl_f_payback
));
access(insert(db_build, dpl_f_return_n, dpl_f_return));
access(insert(db_build, dpl_f_vol_n, dpl_f_vol));
access(insert(db_build, dpl_m_grw_rate_n,
dpl_m_grw_rate));

establish use_old;
PROP Max instances
1
PROP Display Screen
SCREEN:TITLE
  PROP Multi Choice Scr
SCREEN:CHOSE
  PROP Enter Value Scr
SCREEN:CHOSE
  PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB USE_OLD
PROP Parent
PRODUCT LINE
PROP Control text
discover
-- use pick_db_row;
access(select(rplg));

PROP Max instances
1
PROP Multi Choice Scr
SCREEN:CHOOSE
PROP Enter Value Scr
SCREEN:CHOOSE
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB PL_VH FIGURE
PROP Parent
PRODUCT_LINE
PROP Control text
discover
-- use pl_vh_pick;
PROP Max instances
1
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB PLF MARKET EVAL
PROP Parent
PRODUCT_LINE
PROP Control text
ask pl_market_q;
determine pl_market_eval;
PROP Announce
Now Evaluating the influence of MARKET considerations
on this decision.
PROP Max instances
1
PROP Display Screen
SCREEN:TITLE
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
PROP Rule selection
PROP FCB PLF_PRODUCT_EVAL
PROP Parent
PRODUCT LINE
PROP Control text
ask pl_product_q;
determine pl_product_eval;
PROP Announce
Now Evaluating the influence of PRODUCT considerations
on this decision.
PROP Max instances
1
PROP Display Screen
SCREEN:TITLE
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
PROP Rule selection
PROP FCB PLF_FINANCE_EVAL
PROP Parent
PRODUCT LINE
PROP Control text
ask pl_finance_q;
determine pl_finance_eval;
PROP Announce
Now Evaluating the influence of financial consideration
s on this decision.
PROP Max instances
1
PROP Display Screen
SCREEN:TITLE
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
PROP Rule selection
PROP FCB PLF_CORPORATE_EVAL
PROP Parent
PRODUCT LINE
PROP Control text
ask pl_corporate_q;
determine pl_corporate_eval;
PROP Announce
Now evaluating the influence of CORPORATE constraints f
from your own organization on this decision.
PROP Max instances
PROP Dyn Rule Order FALSE
PROP DisposeWhenDone FALSE
PROP Param selection ALL
PROP Rule selection ALL
FCB PL_VL_FIGURE PROP Parent
PRODUCT_LINE PROP Control text discover
-- use pl vl_pick
PROP Max Instances 1
PROP Dyn Rule Order FALSE
PROP DisposeWhenDone FALSE
PROP Param selection ALL
PROP Rule selection ALL
FCB PL_L_FIGURE PROP Parent
PRODUCT_LINE PROP Control text discover
-- use pl l_pick;
PROP Max Instances 1
PROP Dyn Rule Order FALSE
PROP DisposeWhenDone FALSE
PROP Param selection ALL
PROP Rule selection ALL
FCB ASK_OLD PROP Parent
PRODUCT_LINE PROP Control text
access (select prof1_lst);
determine ex_profile_pl;
determine rpl_name;
establish use_old;
PROP Max instances 1
PROP Mult Choice Scr
SCREEN:CHOOSE
  PROP Enter Value Scr
SCREEN:CHOOSE
  PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB PL_MSG_A_EVAL
PROP Parent
PRODUCT_LINE
  PROP Control text
determine pl_int_flag;
PROP Announce
The data for this factor has been APPROVED by INNOVATOR.
This will contribute to the new product being approved.
PROP Max instances
1
  PROP Display Screen
SCREEN:PROFDISP
  PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB PL_MSG_D_EVAL
PROP Parent
PRODUCT_LINE
  PROP Control text
determine pl_int_flag;
PROP Announce
The data for this factor has been DISAPPROVED by INNOVATOR.
This will contribute to the new product being disapproved.
PROP Max instances
1
  PROP Display Screen
SCREEN:PROFDISP
  PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB PL_MSG_RE_EVAL
PROP Parent
PRODUCT_LINE
PROP Control text
determine pl_int_flag;
PROP Announce
The data for this factor is too ambiguous for INNOVATOR to approve or disapprove. Please re-evaluate the information this factor consists of and resubmit it to INNOVATOR at your earliest opportunity. This factor will not contribute to the approval of the new product.
PROP Max instances
1
PROP Display Screen
SCREEN:PROFDISP
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB PL_MSG_AM_EVAL
PROP Parent
PRODUCT_LINE
PROP Control text
determine pl_int_flag;
PROP Announce
The data for this factor has been MARGINALY APPROVED by INNOVATOR. This could contribute to the new product being approved.
PROP Max instances
1
PROP Display Screen
SCREEN:PROFDISP
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB PL_FIN_MSG_A_EVAL
PROP Parent
PRODUCT_LINE
PROP Control text
determine pl_int_flag;
PROP Announce
The new product has been APPROVED by INNOVATOR.
PROP Max instances
1
PROP Display Screen
SCREEN:PROFDISP
PROP Dyn Rule Order
FALSE
PROP DisposedWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB PL_FIN_MSG_AM_EVAL
PROP Parent
PRODUCT_LINE
PROP Control text
determine pl_int_flag;
PROP Announce
The new product has been MARGINALLY APPROVED by INNOVATOR.

PROP Max instances
1
PROP Display Screen
SCREEN:PROFDISP
PROP Dyn Rule Order
FALSE
PROP DisposedWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB PL_FIN_MSG_RE_EVAL
PROP Parent
PRODUCT_LINE
PROP Control text
determine pl_int_flag;
PROP Announce
The description of this new product is too ambiguous for INNOVATOR to approve or disapprove. Please re-evaluate the information and resubmit to INNOVATOR at your earliest opportunity.
PROP Max instances
1
PROP Display Screen
SCREEN:PROFDISP
PROP Dyn Rule Order
FALSE
PROP DisposedWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB PL_FIN_MSG_D_EVAL
PROP Parent
PRODUCT_LINE
PROP Control text
determine pl_int_flag;
PROP Announce
The new product has been DISAPPROVED by INNOVATOR.
PROP Max instances
1
PROP Display Screen
SCREEN:PROFDISP
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB MF_PL_FACTOR_TEXT
PROP Parent
PRODUCT LINE
PROP Control text
establish mf_pl_abort_text:
PROP Announce
You have entered profile: vl *rpl_name
the entries are:
:CE ON
FINANCE
Gross Margin is: vl *rpl_f_gmargin %
Payback Period is: vl *rpl_f_payback (years)
Rate of Return is: vl *rpl_f_return ($1,000,000s)
Volume of Business is: vl *rpl_f_vol ($1,000,000s)
MARKET FACTORS
Market Share is: vl *rpl_m_size %
Market Growth Rate is: vl *rpl_m_grw_rate %
CORPORATE FACTORS
Corporate Outlay is: vl *rpl_corp_outlay ($1,000,000s)
PROP Max instances
1
PROP Display Screen
SCREEN:PROFDISP
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB MF_PL_ABORT_TEXT
PROP Parent
MF PL_FACTOR_TEXT
PROP Control text
determine pl_final_flag;
PROP Announce
At this time you may either abort the session by pressing the PF3 key (if all you wanted to do was define a new profile, it has been saved now), or you may continue the session and compare a new product to an existing profile or one you have just defined.
PROP Max instances
PROP Display Screen
SCREEN:PROFDISP
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB BRAND_NAME
PROP Parent
WHICH
PROP Control text
access (select (mf_b_pr_lst));
determine mf_b_pr_old;
discover
-- use prof_get;
determine namehold;
ask mf_brand_values;
discover
-- use pl_vh_find;
discover
-- use pl_h_find;
discover
-- use pl_mod_find;
discover
-- use pl_l_find;
discover
-- use pl_vl_find;
determine pl_final_eval;
display pl_final_eval;
PROP Max instances
1
PROP Mult Choice Scr
SCREEN:CHOOSE
PROP Enter Value Scr
SCREEN:CHOOSE
PROP Dyn Rule Order
FALSE
PROP DisposeWhenDone
FALSE
PROP Param selection
ALL
PROP Rule selection
ALL
FCB MF_B_VH_FIGURE
PROP Parent
BRAND_NAME
PROP Control text
discover
-- use mf_b_vh_pick;
PROP Max instances 1
PROP Dyn Rule Order FALSE
PROP DisposeWhenDone FALSE
PROP Param selection ALL
PROP Rule selection ALL
FCB MF_B_H FIGURE
PROP Parent BRAND_NAME
PROP Control text discover
-- use mf_b_h_pick;
PROP Max instances 1
PROP Dyn Rule Order FALSE
PROP DisposeWhenDone FALSE
PROP Param selection ALL
PROP Rule selection ALL
FCB MF_B_MOD FIGURE
PROP Parent BRAND_NAME
PROP Control text discover
-- use mf_b_mod_pick;
PROP Max instances 1
PROP Dyn Rule Order FALSE
PROP DisposeWhenDone FALSE
PROP Param selection ALL
PROP Rule selection ALL
FCB MF_B_L FIGURE
PROP Parent BRAND_NAME
PROP Control text discover
-- use mf_b_l_pick;
PROP Max instances 1
PROP Dyn Rule Order FALSE
PROP DisposeWhenDone FALSE