**Principal Component Analysis**

Steps:

1. Launch SAS Enterprise Miner

Graphical user interface, text, website

Description automatically generated

1. Create or Open a Project.

Graphical user interface, application, Word

Description automatically generated

1. Add Data Source
   1. Location HMEQ from Library SAMPSIO
   2. Set 'BAD' Role as Target.
   3. Set 'BAD' and 'REASON' Level as Binary

Graphical user interface

Description automatically generated

1. Create a Diagram.

A computer screen capture

Description automatically generated with medium confidence

1. From Data Sources, drag HMEQ to the Diagram.

Graphical user interface, text, application, PowerPoint

Description automatically generated

1. From Modify, drag Principal Component in the diagram.
   1. Under Eigenvalue Cut-off, set Cumulative to “0.97”.
   2. Under Max Number Cutoff, set Maximum Number to “7”.

Table

Description automatically generated

* 1. Run Principal Component Node
  2. Once run completed successfully, check for the result.

A screenshot of a computer

Description automatically generated with medium confidence

1. Analyse Result

Graphical user interface, application

Description automatically generated