**Linear Regression**

Steps:

1. Launch SAS Enterprise Miner

Graphical user interface, text, website

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1. Create or Open a Project.

Graphical user interface, application, Word

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1. Create a Diagram.

A computer screen capture

Description automatically generated with medium confidence

1. From Sample, drag File import to the Diagram.
   1. Under Train > Import File ***Boston.csv***

A screenshot of a computer

Description automatically generated with medium confidence

* 1. Under Train > Variables, set 'chas', 'crim' ,and 'rm' are the input variable and 'medv' is the target variable.
  2. Reject all the others.

A screenshot of a computer

Description automatically generated with medium confidence

1. From Sample, drag Data Partition in the diagram.
   1. Partition dataset as 60% training and 30% validation.

Table

Description automatically generated

1. From Model, drag Regression in the diagram.
   1. Under Class Target, set Regression Type as “Linear Regression”
   2. Under Model Option, set Input Coding as “GLM”

Table

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

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1. Analyse Result

Graphical user interface, application

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