SAS Enterprise Miner

- Streamlines and supports the entire data mining process
- Easy to use GUI (Graphical User Interface)
- 92 of the top 100 companies on the 2018 Fortune 1000 use SAS
- SAS products are meant to create an enterprise analytics platform
  - Running SAS inside an open source environment
  - Running open source within SAS

Launching SAS EM on Lab Computer

- Steps: Start → All Programs → SAS → SAS Enterprise Miner Workstation

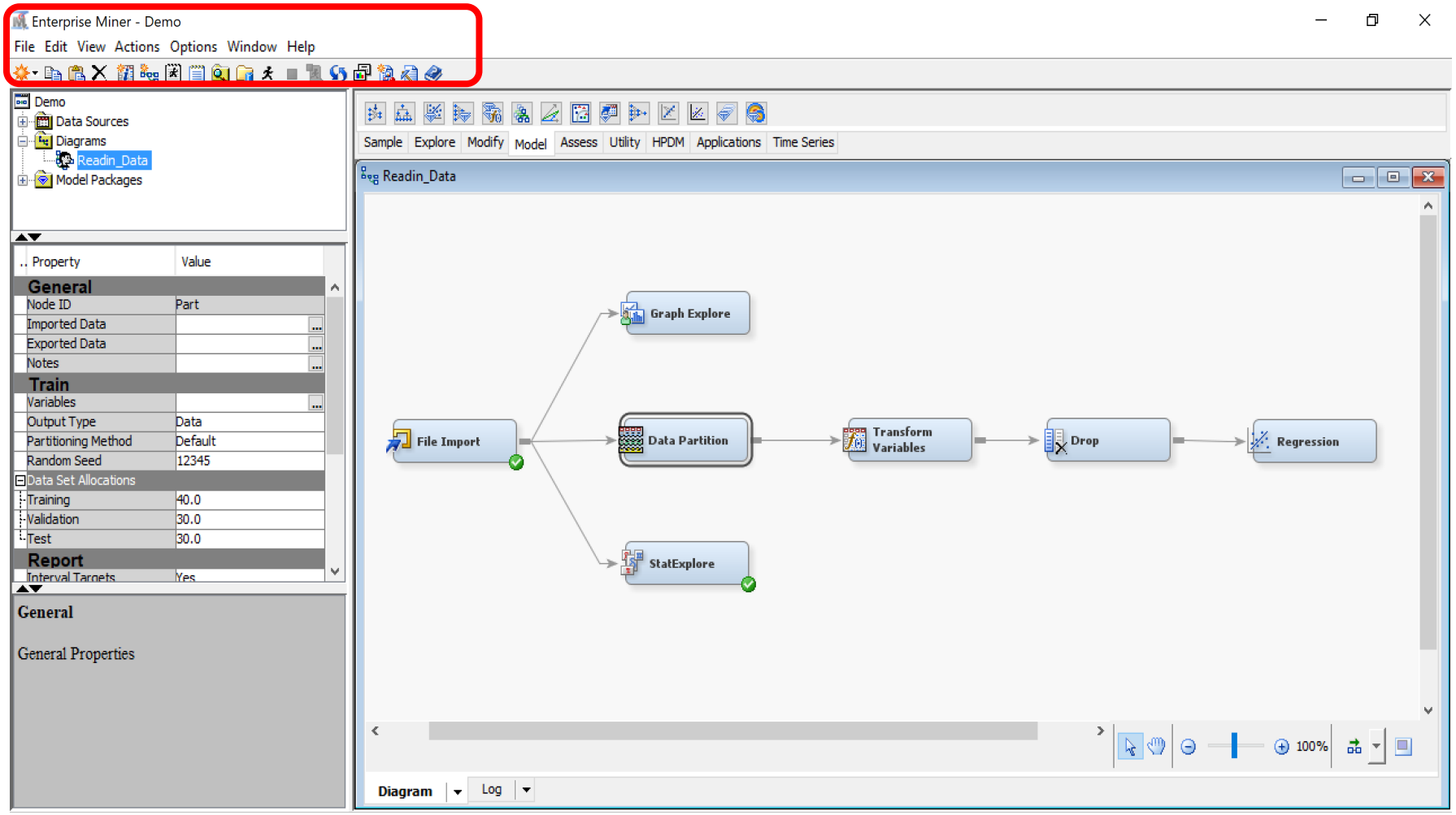
- Create a Project
- Create a Diagram
- Create a Data Source
- Create Process Flow by adding Nodes

Launching SAS EM on Your Computer

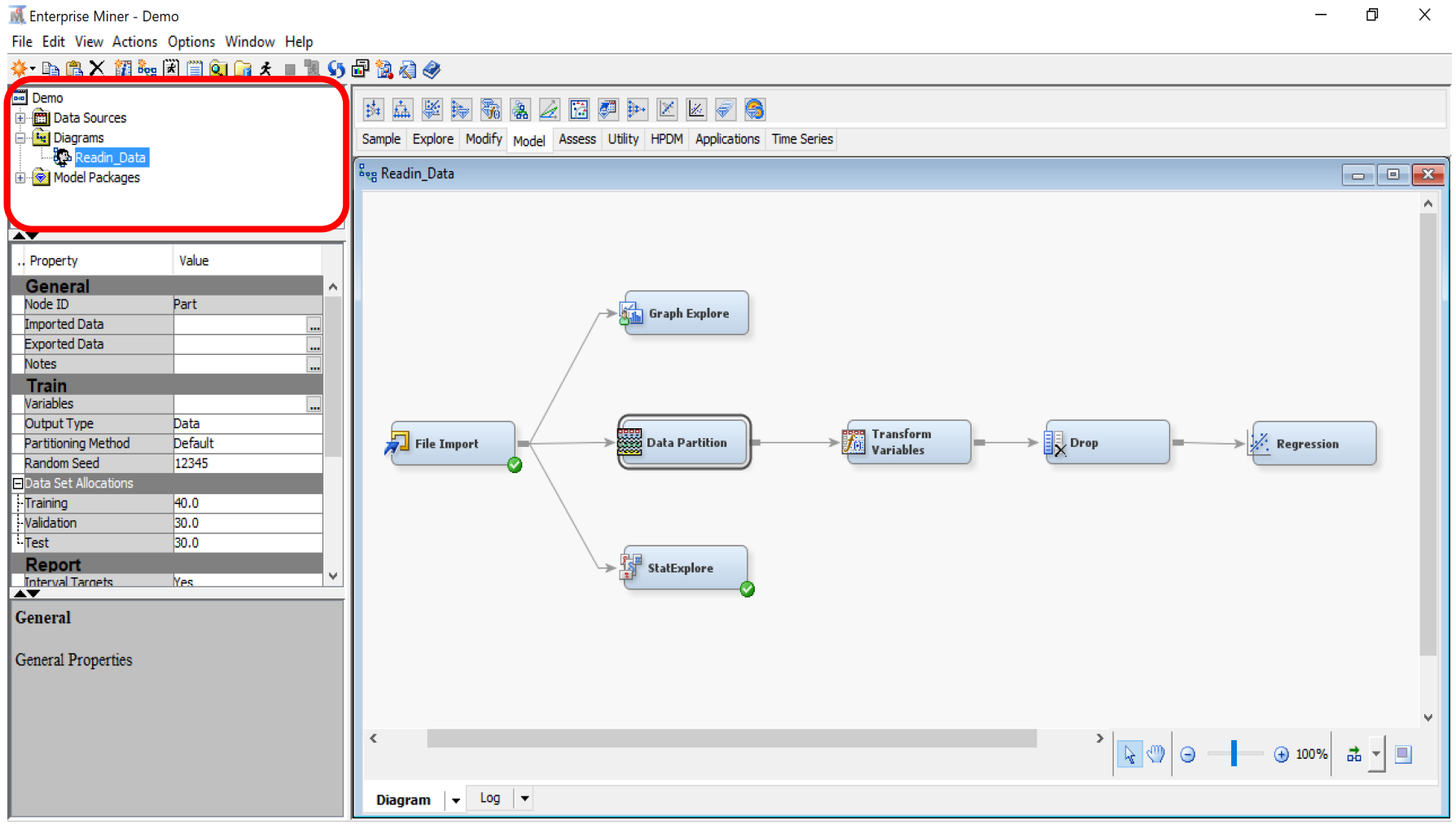
- Sign on the Control Center at https://odamid.oda.sas.com
- Click on SAS Enterprise Miner
- Run the downloaded file (e.g., “main.jnlp”)

- Create a Project
- Create a Diagram
- Create a Data Source
- Create Process Flow by adding Nodes

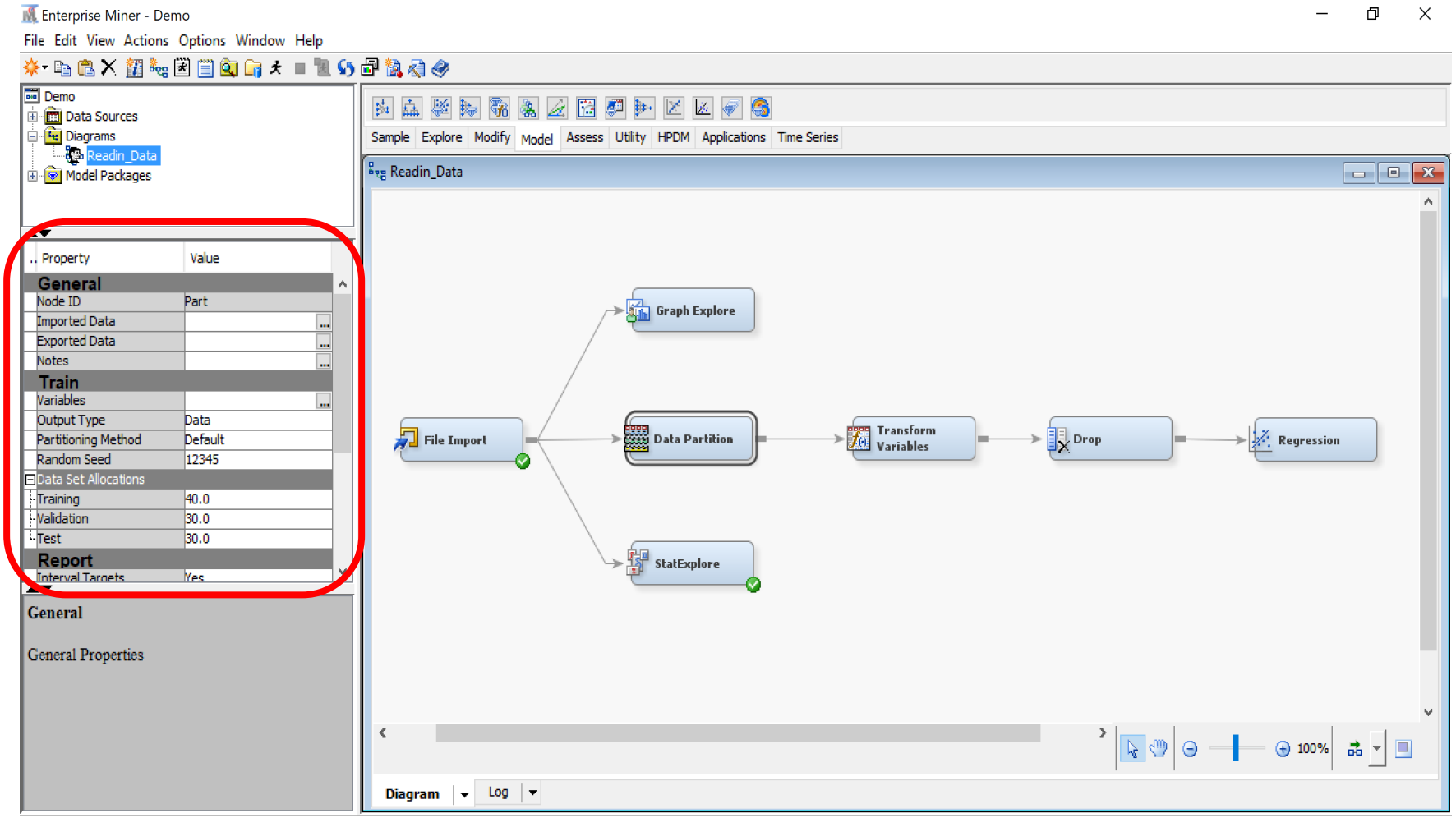
Menu Bar and Shortcut Buttons



Project Panel



Properties Panel



Property Help Panel

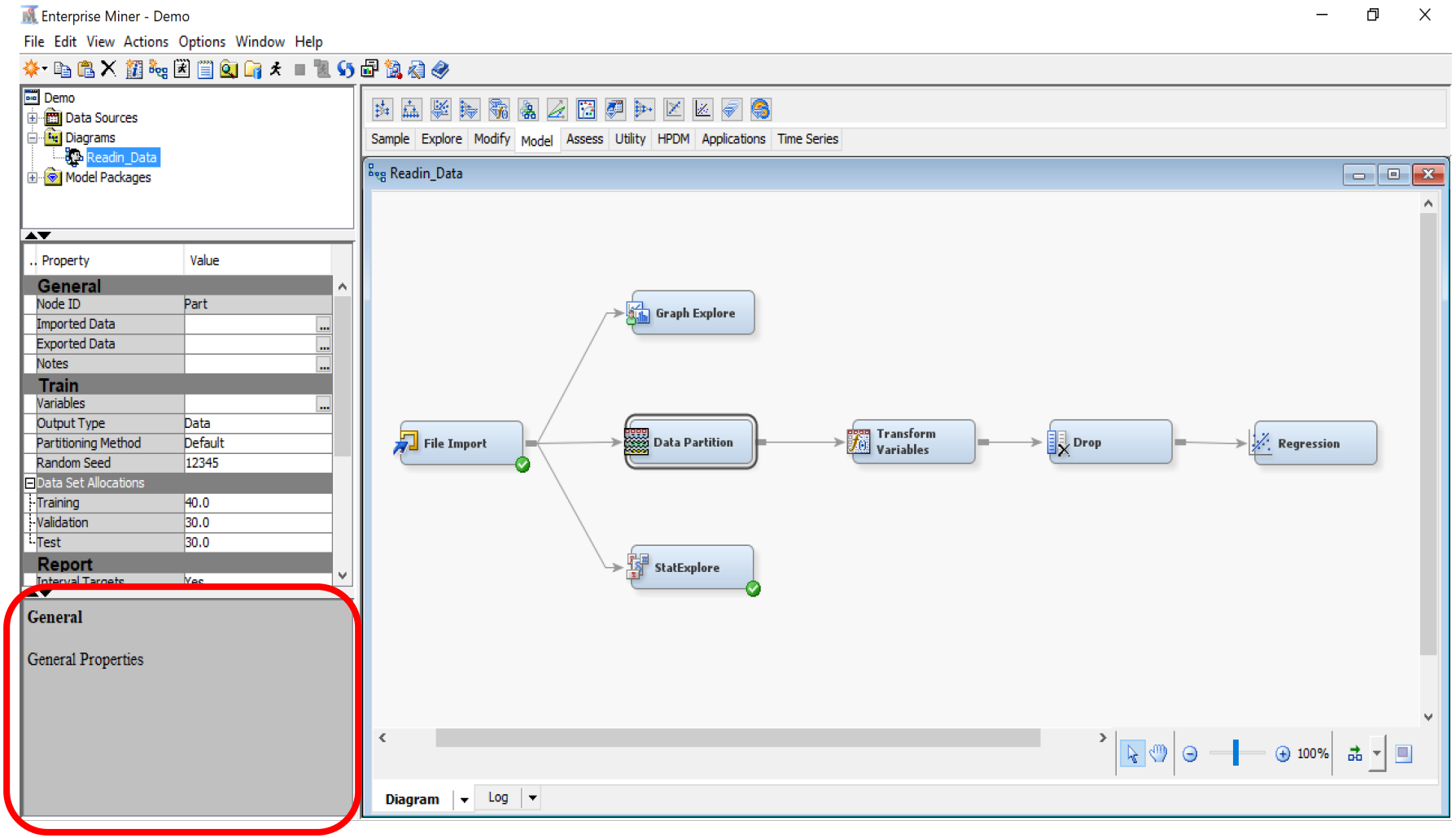
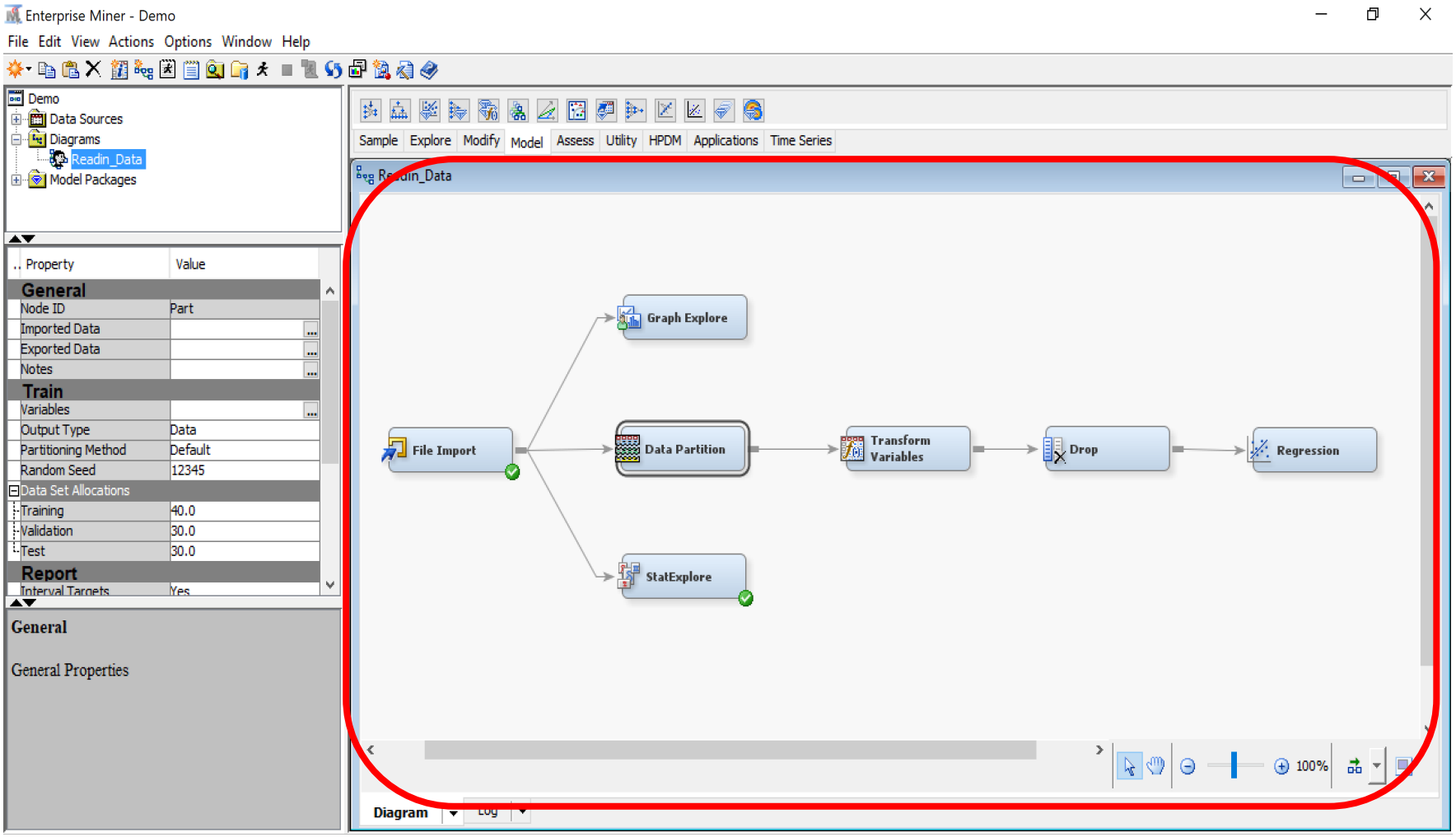
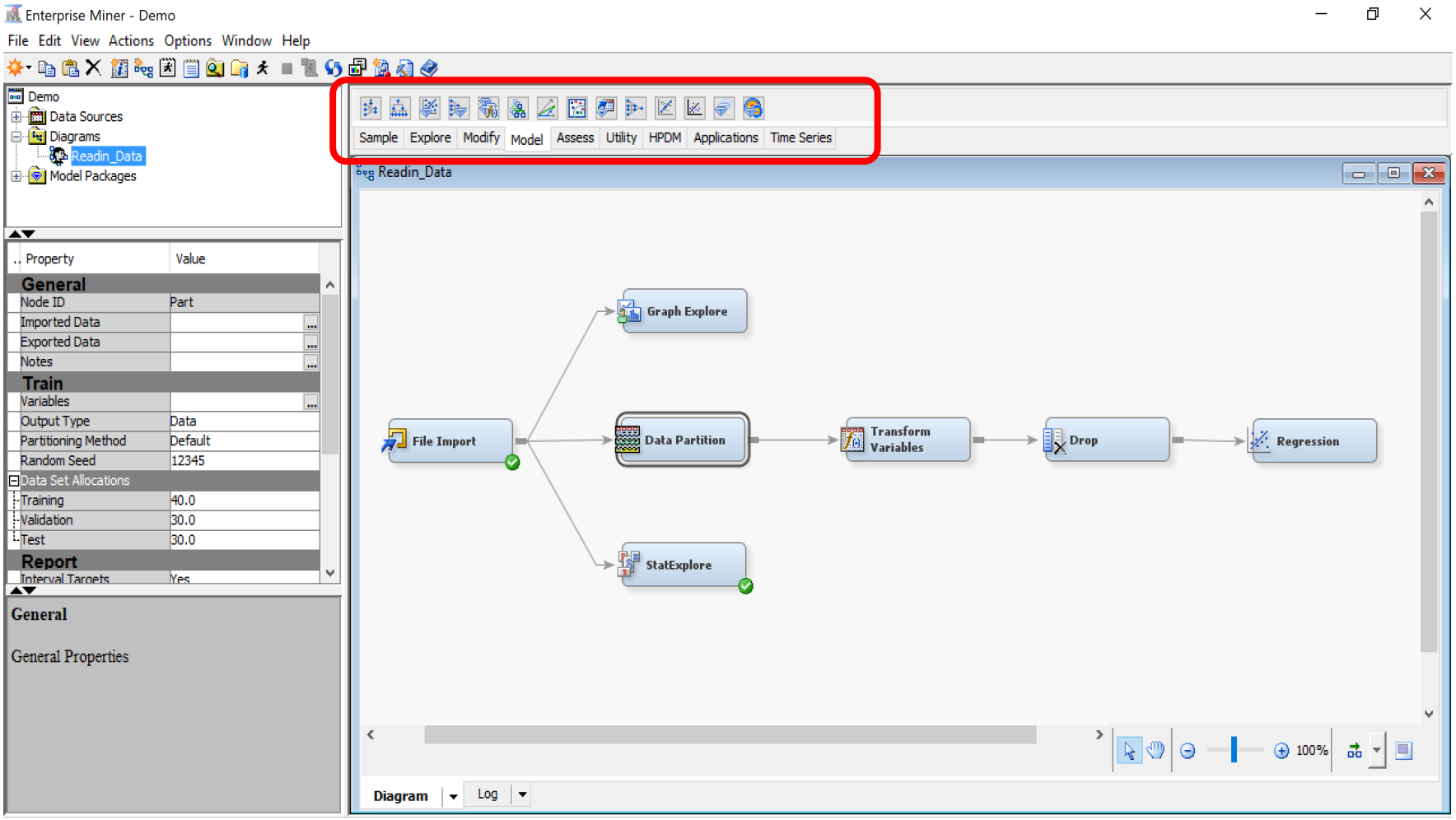


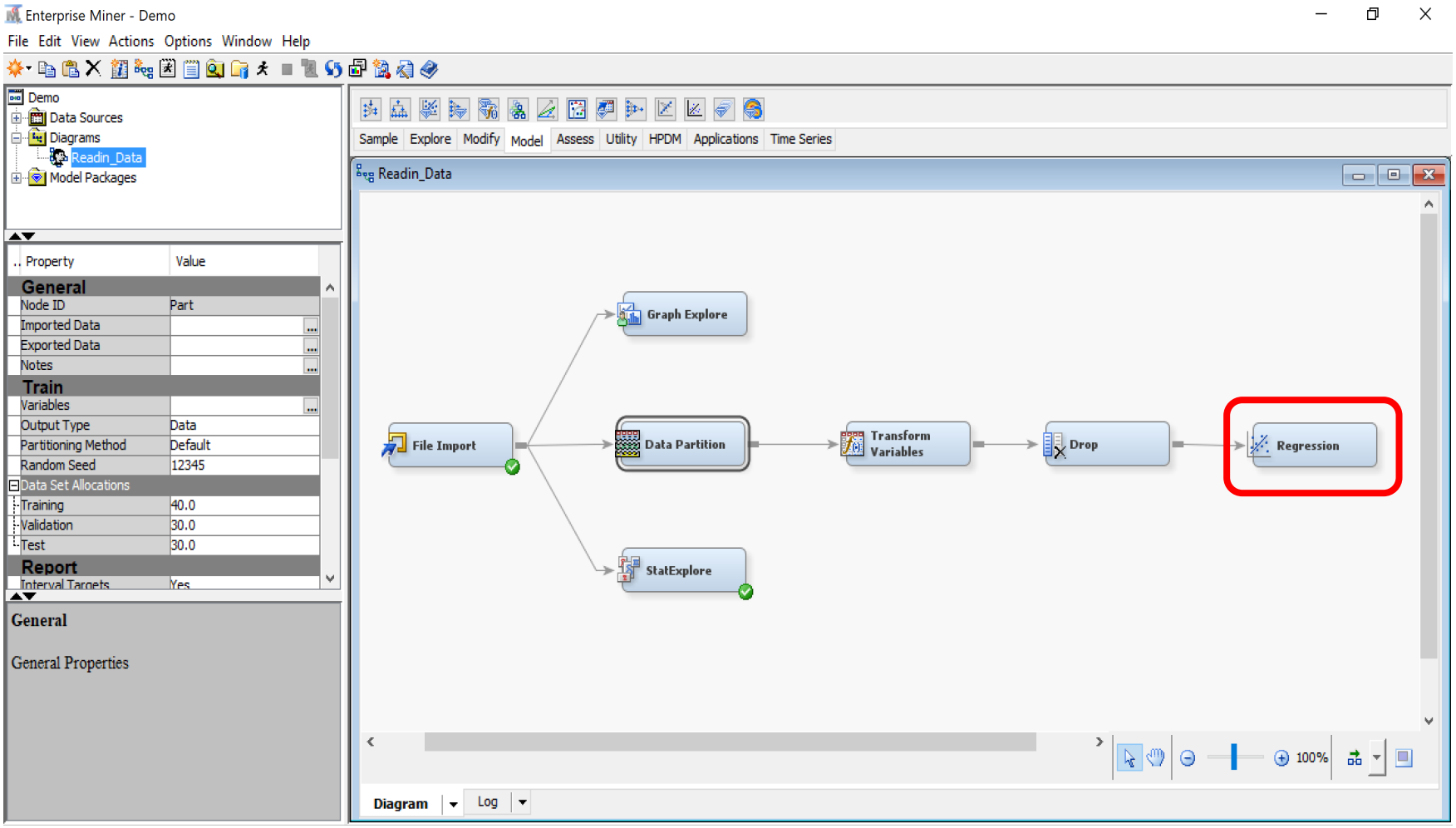
Diagram Workspace



Toolbar Palette



Node


Enterprise Miner - Demo
File Edit View Actions Options Window Help
Demo
Data Sources
Diagrams
Readin_Data
Model Packages
Property
Value
General
Node ID
Part
Imported Data
Exported Data
Notes
Train
Variables
Output Type
Data
Partitioning Method
Default
Random Seed
12345
Data Set Allocations
Training
40.0
Validation
30.0
Test
30.0
Report
Interval Targets
Yes
General
General Properties
Sample Explore Modify Model Assess Utility HPDM Applications Time Series
Readin_Data
Graph Explore
File Import
Data Partition
Transform Variables
Drop
Regression
StatExplore
100%
Diagram
Log

Process Flow