What’s New in SAS Visual Statistics 8.2

The following lists include the new features and enhancements since SAS Visual Statistics 8.1 was released.

- There are two new model objects, generalized additive model and nonparametric logistic regression. These are extensions of the generalized linear model and logistic regression, respectively. They require spline effects as inputs.
- In the Data pane, you can now create one-dimensional and two-dimensional splines from any measure.
- In the Data pane, you can now create a partition column.
- Event level selection for Category target variables is now performed automatically, but selections can be manually adjusted.
- Assessment plots in models now simultaneously display training and validation results when data partitioning is used.
- Clustering Category variables in the cluster object is now supported. This includes clustering a mix of measures and categories.
- The decision tree object now supports autotuning. Autotuning a decision tree automatically adjusts certain properties, rebuilds the decision tree, and compares the new results to the previous results. This is repeated until an optimal decision tree is found or a specified time limit is reached.
- The decision tree object now supports derived predictions in addition to the leaf ID variable.
- The decision tree object has enhanced capabilities for handling missing values.
- There are several new variable selection methods available for the linear regression, logistic regression, and generalized linear model objects. These include forward selection, backward selection, stepwise selection, lasso, and adaptive lasso.
- The Tweedie distribution is now supported for generalized linear models and generalized additive models.
- You can now copy models from SAS Visual Statistics and SAS Visual Data Mining and Machine Learning into Model Studio and continue the data mining process there.