SAS® Visual Statistics 8.5: What's New

What's New in SAS Visual Statistics 8.5

The following list describes the new features and enhancements since SAS Visual Statistics 8.4 was released.

- A confusion matrix that displays the classification results for categorical response models is available.
- Several new assessment statistics are available for all models of the same type.
- You can now derive predicted items from generalized additive models and nonparametric logistic regression models.
- You can now export and save generalized additive models and nonparametric logistic regression models.
- In the cluster object, a details table has been added for the parallel coordinates plot.
- The **Bin method** property that specifies the way that measure predictors are binned has been added to the decision tree object.
- There is a new option for autotuning decision tree models: **Leaf size**.
- In the settings, you can now specify to automatically convert measure variables with two levels to category variables when a data set is first opened in SAS Visual Analytics.
- In the settings, you can now set a default assessment statistic to use in both continuous and classification models.

What's New in SAS Visual Data Mining and Machine Learning 8.5

The following list describes the new features and enhancements since SAS Visual Data Mining and Machine Learning 8.4 was released.

- A partial dependence plot is available for the following models: Bayesian network, forest, gradient boosting, neural networks, and support vector machine. Partial dependence plots enable you to understand how model predictions depend on the values of an individual predictor.
- A confusion matrix that displays the classification results for categorical response models is available.
- Several new assessment statistics are available for all models of the same type.
- There are new options for autotuning gradient boosting models: **Maximum levels**, **Leaf size**, and **Predictor bins**.
- There are new options for autotuning forest models: **Leaf size** and **Predictor bins**.
- The **Bin method** property that specifies the way that measure predictors are binned has been added to the forest object and the gradient boosting object.