

SAS(R) Visual Statistics in SAS(R) Viya(R): Interactive Model Building

Code:	SVSO35
Length:	2 days
URL:	View Online

This course introduces SAS Visual Statistics for building predictive models in an interactive, exploratory way. Exploratory model fitting is a critical step in modeling big data.

The classroom and Live Web course is appropriate for users of SAS Visual Analytics in SAS Viya 3.5. In e-learning, there is a course for users of SAS Visual Analytics in SAS Viya 3.5, and there is also a course for users of SAS Visual Analytics in SAS Viya 2020.1.

Skills Gained

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- Perform statistical analysis of data of any size.
- Create a report with pages.
- Determine useful preferences and settings.
- Create segments, or clusters, of input variables.
- Perform regression and logistic regression modeling.
- Perform decision tree modeling.
- Perform stratified model fitting.
- Perform model validation.
- Compare models.
- Generate score code.

Who Can Benefit

- Predictive modelers, business analysts, and data scientists who want to take advantage of SAS Visual Statistics for highly interactive, rapid model fitting

Prerequisites

- Before attending this course, you should have an understanding of regression and logistic regression analysis for predictive modeling. You can gain this knowledge from the Statistics 1: Introduction to ANOVA, Regression, and

Logistic Regression course. You should also have experience using SAS Visual Analytics, which you can gain from the SAS® Visual Analytics 1 for SAS® Viya®: Basics course.

Course Details

Introduction to SAS Visual Statistics

- Managing reports and pages.
- SAS Viya architecture.

Cluster Segmentation

- Segmentation concepts.
- Cluster analysis.

Models with Continuous Targets

- Linear regression models.
- Generalized linear models.
- Generalized additive models.
- Model validation.

Models with Categorical Targets

- Logistic regression.
- Modeling with group-by variables.
- Decision trees.
- Decision trees in SAS Visual Statistics.

Model Comparison and Scoring

- Comparing models.
- Scoring.

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