SAS® Visual Statistics in SAS® Viya®: Interactive Model Building

Kód kurzu: SVSO35

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. This course is appropriate for users of SAS Visual Analytics in SAS Viya.

Pro koho je kurz určen

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

Co vás naučíme

use SAS Visual Statistics to:

- 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
- Add splines to models
- Perform decision tree modeling
- Perform stratified model fitting
- Perform model validation
- Compare models
- Generate score code

Požadované vstupní znalosti

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.

Osnova kurzu

- 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

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- Comparing models
- Scoring

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