Alteryx Predictive Tools Training Course Outline

Audience: Advanced Users with at least 6 months of experience with Alteryx

Time Frame: 1 Day

Recommended class size: 12 students

Schedule: 9:00 a.m. to 4:00 p.m., 1-hour lunch and 15-minute breaks, morning and afternoon

Instructor: Courses are taught by a Certified Alteryx Professional

Price: \$2,500

This advanced course is designed for students who are familiar with Alteryx and are ready to explore the Predictive and Time Series Toolsets. The virtual classroom environment provides a hands-on experience performing predictive analytics using easy to follow step-by-step instructions, along with provided datasets and pre-built workflows. Students will utilize use cases based on real-world scenarios to train and compare multiple predictive models.

Note: This course does not provide instruction on the statistical and modeling concepts that are the framework of predictive modeling. The attendees for this course should have a basic understanding of descriptive statistics prior to taking the course.

Topics include:

- Investigating Data
 - Association Analysis Tool
 - Field Summary Tool
 - Scatterplot
- Utilizing Fundamental Predictive Tools
 - Linear Regression
 - Logistic Regression
 - Decision Tree
 - Forest Model
 - Stepwise Model
 - Using a Lift Chart to compare models
 - Score Tool
 - Understanding Predictive Outputs

- Performing a Time Series (TS) Analysis
 - TS Plot Tool
 - TS Filler for date gaps
 - ETS Model
 - ARIMA Model
 - TS Compare Tool to compare models
 - Generating a TS Forecast
 - Understanding Forecast Predictions
- Achieve Goals:
 - Employ predictive models to score and forecast
 - Understand many of the various models available in Alteryx
 - Learn how to combine data preparation, spatial and demographic analytics, developer tools and more with predictive models in one workflow and platform
 - Discover how to deploy predictive and time series models throughout your organization
 - Attain Advanced Alteryx User Level status



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