## 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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