

**Tableau Workshop: Advanced Time Series Analysis**

**Course Number:** TABWS-100
**Duration:** 0.25 days

**Overview**

This private, online 2-hour Tableau Workshop, Advanced Time Series Analysis, teaches attendees how to visualize and apply cycle plots, charts, averages, forecasting, and parameters in Tableau.

**Prerequisites**

Participants must have experience with:

* Discrete and continuous date parts in Tableau
* Writing calculations in Tableau

**Materials**

Attendees receive a copy of the instructor’s presentation in electronic format.

**Software Needed on Each Student PC**

* Tableau Desktop
* Microsoft Excel 2016 or later
* Internet access
* Related data and lab files that Accelebrate would provide

**Objectives**

* Create cycle plots and line charts
* Incorporate percent change and growth
* Create running total charts
* Apply moving averages
* Forecast results
* Use parameters

**Outline**

* Instroduction
* Cycle Plots
* Line Chart with Percent Change and YOY Growth
* Running Total Charts
* Moving Averages
* Forecasting
	+ How to use them and when
	+ How to interpret them
	+ How to adjust them
	+ Regression forecasting
	+ Moving Average forecasting
	+ Seasonal forecasting
* Parameters for Start/End dates
* Conclusion