

Tableau Desktop Bootcamp

Course Summary

Description

This seminar will utilize lectures, hands-on workshops and case studies to illustrate more advanced functionalities of Tableau. Topics in this seminar will include complex visualizations and calculations, using adhoc user input controls, geographic mapping functions, joins and data blending, data hierarchies, use of variables, statistical techniques, geographic mapping types, logical and date calculations, joins and data blending, performance optimization, guided analytics, dashboard design principles, advanced data segmentation, use of reference bands, role of Box Plots, story points, data forecasting algorithms, usage of Tableau Prep and incorporation of real world scenarios.

Objectives

By the end of this course, students will be able to:

- Build more complex chart types and data visualizations
- Design complex calculations to manipulate data including logical and date-driven
- Examine expanded dimensions and data hierarchies
- Use statistical techniques of segmentation, cohort, scenario, aggregation, statistical and predictive to analyze data
- Use parameters and input controls to provide clients with adhoc control over conditional values
- Utilize advanced geographic mapping techniques like proportional, choropleth, flow, point distribution and spider.
- Combine multiple data sources using data blending.
- Use of joins to combine data from multiple tables in the same data source
- Optimize visualizations performance through governance, understanding common bottlenecks, and build validation
- Build better dashboards using techniques for guided analytics, interactive dashboard design, and visual best practices.
- Implement best practices for dashboards including layouts, containers, guided analytics (dynamic titles, drill downs, etc) and customized tooltips.
- Demonstrate advanced segmentation with dynamic sets, Top n-tier, conditional and combined Sets and clustering.
- Design of advanced analytics with reference bands and reference distributions
- Creation of story points via sequential visualizations and use of Story workspace
- Develop forecasts using exponential smoothing forecasting algorithms
- Understanding of Tableau Prep for integrating, cleansing and transforming legacy data for analysis.

Audience

This course is designed to provide the skills required to become a Tableau power user. This course is designed for the professional with solid working experience with Tableau with desires to learn more complex features.

Prerequisite

Tableau Desktop Fundamentals or equivalent experience is required for this course.

Duration

Three Days