Tableau Desktop Bootcamp

Course Summary

Description
We offer a unique custom three-day Tableau Desktop Bootcamp training designed to take users from a beginner to more advanced levels. This course is a combination of the Tableau Desktop Fundamentals and Tableau Desktop Intermediate curriculum. It is for anyone who works with data – regardless of technical or analytical background.

All of our trainers are certified and enthusiastic about Tableau! The course is offered onsite or via live instructor-led virtual classroom. All delegates receive course materials and access to our licensed Tableau environment for hands-on labs.

Objectives
After taking this course, students will be able to:

- Understand the many options for connecting to data
- Understand the Tableau interface / paradigm – components, shelves, data elements, and terminology. The student will be able to use this knowledge to effectively create the most powerful visualizations.
- Create basic calculations including string manipulation, basic arithmetic calculations, custom aggregations and ratios, date math, logic statements and quick table calculations
- Able to represent your data using the following visualization types: Geographic Map, Page Trails, Heat Map, Density Chart, Scatter Plots, Pie Chart and Bar Charts, Small Multiples, Dual Axis and Combo Charts with different mark types, Options for drill down and drill across
- Use Trend Lines, Reference Lines and statistical techniques to describe your data
- Understanding how to use group, bin, hierarchy, sort, set and filter options effectively
- Work with the many formatting options to fine tune the presentation of your visualizations
- Understand how and when to Use Measure Name and Measure Value
- Understand how to deal with data changes in your data source such as field addition, deletion or name change
- Understand all of your options for sharing your visualizations with others
- Combine your visualizations into Interactive Dashboards and publish them to the web
- Build advanced chart types and visualizations
- Build complex calculations to manipulate your data
- Work with statistics and statistical techniques
- Work with parameters and input controls
- Implement advanced geographic mapping techniques and use custom images and geo coding to build spatial visualizations of non-geographic data
- Implement all options in working with data: Joining multiple tables, data blending, Performance considerations and working with the Data Engine, sharing your connections as meta data, and understand when to implement which connection method.
- Build better dashboards using techniques for guided analytics, interactive dashboard design and visual best practices
- Implement many efficiency tips and tricks
- Understand the basics of Tableau Server and other options for sharing your results

Due to the nature of this material, this document refers to numerous hardware and software products by their trade names. References to other companies and their products are for informational purposes only, and all trademarks are the properties of their respective companies. It is not the intent of ProTech Professional Technical Services, Inc. to use any of these names generically.
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Course Summary (cont.)

Topics

- Introduction
- Connecting to data
- Simplifying and sorting your data
- Organizing your data
- Slicing your data by date
- Using multiple measures in a view
- Showing the relationship between numerical values
- Mapping data geographically
- Viewing specific values
- Customizing your data
- Analyzing data with quick table calculations
- Showing breakdowns of the whole
- Viewing distributions
- Highlighting data with reference lines
- Making your views available
- Working with Single Data Sources
- Using Multiple Data Sources
- Using Calculations in Tableau
- Advanced Table Calculations
- Creating and Using Parameters
- Comparing Measures Against a Goal
- Showing the Biggest and the Smallest Values
- Tableau Geocoding
- Statistics and Forecasting
- Showing Distributions of Data
- Dashboards and Stories

Audience

This course is ideal for anyone who works with data – regardless of technical or analytical background

Prerequisite

There are no prerequisites for this course.

Duration

Three Days