

Tableau Desktop

Length: 2 Days

Summary: We will make sure you are well prepared to take full advantage of Tableau new features. Whether you are an experienced data analyst that wants to explore new Tableau, or you are a beginner that wants to expand their skillset and bring a more professional and sharper approach to their organization, we have got you covered. Beginning with the fundamentals, such as data preparation, you will soon learn how to build and customize your own data visualizations and dashboards, essential for high-level visibility and effective data storytelling. You will also find out how to do trend analysis and forecasting using clustering and distribution models to inform your analytics.

You will be armed with an arsenal of advanced chart types and techniques to enable you to efficiently and engagingly present information to a variety of audiences through the use of clear, efficient, and engaging dashboards. Explanations and examples of efficient and inefficient visualization techniques, well-designed and poorly designed dashboards, and compromise options when Tableau consumers will not embrace data visualization will build on your understanding of Tableau and how to use it efficiently.

Features

- Create stylish visualizations and dashboards that explain complexity with clarity
- Learn effective data storytelling to transform how your business uses ideas and makes decisions
- Explore all the new features in Tableau 10 and start to redefine what business analytics means to your organization

Learning

- Find out how to build effective visualizations and dashboards
- Prepare and clean your data so you can be sure Tableau is finding answers to your questions – not raising more problems
- Learn how to use data storytelling to aid decision-making and strategy
- Share dashboards and visualizations to cultivate a culture where data is available and valued
- Create a worksheet that can display the current balance for any given period in time
- Create custom polygons to build filled maps for area codes in the USA

Audience: This two-day course is designed for the beginner Tableau user. It will help you understand and use the basic techniques for creating visualizations and combining them in interactive dashboards.

Prerequisites: Before attending this course, students should have experience using Microsoft Excel.

COURSE CONTENT

- 1. Introduction to Business Intelligence**
 - Overview of BI
 - Overview of Tableau Environment
 - Putting it all together
 - 2. Data Connections**
 - Getting to data from Tableau Desktop
 - Learning the basics of visualizing data
 - Visualizing business needs
 - 3. Transforming Data**
 - Why transform data?
 - Data Blends
 - Data Joins
 - 4. Calculations in Tableau**
 - Data Aggregates
 - Calculation Wizards
 - Table Calculations
 - Customized Calculations
 - 5. Parameters and Filters & Sorting**
 - --Basics of Filtering
 - --Basics of Parameters
 - --Putting it all together
 - --Ascending and Descending Order manually
 - 6. Formatting**
 - Colors
 - Custom Colors
 - Highlighters
 - 7. Map Basics**
 - Layers
 - Editing
 - Customizing
 - 8. Visualizations**
 - Understanding Charts
 - Text Charts
 - Visual Charts
 - Time Charts
 - Trend Charts
 - 9. Introduction to Dashboards**
 - Designing
 - Actions
 - Stories
 - 10. Chart Types**
 - Manually Creating and Editing Charts
 - Chart Enhancements
 - Advanced Techniques with Various Charts
 - 11. More Charts**
 - Bar Chart
 - Stacked Bar Chart
 - Line Chart
 - Scatter Plot
 - Heat Map
 - Text Table (crosstab)
 - Highlight Table
 - Area Chart
 - Pie Chart
 - Bubble Chart
 - Word Cloud
 - Tree Map
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