

Introduction to Tableau | Tableau Quick Start

COURSE OVERVIEW:

Introduction to Tableau/Tableau Quickstart is a one day hands-on, Quickstart to Tableau course geared for attendees new to using the tool, or for those who want a refresher of the basics or newer features. Ideal attendees would be beginner Tableau users who want to quickly get up to speed with intermediate-level Tableau features and functions. Students will leave this course armed with the required skills to leverage the important concepts and techniques in Tableau to move from simple to complex visualizations. Students will also learn how to combine them in interactive dashboards. Comprehensive hands-on exercises are integrated throughout to reinforce learning and develop real competency.

WHO WILL BENEFIT FROM THIS COURSE?

This is an introductory-level Tableau course geared for attendees new to using the tool, or for those who want a refresher of the basics or newer features. Ideal attendees would be beginner Tableau users who want to quickly get up to speed with intermediate-level Tableau features and functions. Individuals working with data-regardless of technical or analytical background are a fit for this course.

COURSE OBJECTIVES:

Working within an engaging, hands-on learning environment led by our Tableau expert practitioner, attendees will learn to:

- Understand Tableau terminology
- Use the Tableau interface/paradigm to effectively create powerful visualizations
- Create basic calculations including string manipulation, basic arithmetic calculations, custom aggregations and ratios, date math, logic statements, and quick table calculations
- Use groups, bins, hierarchies, sorts, sets, and filters to create focused and effective visualizations
- Use Measure Name and Measure Value fields to create visualizations with multiple measures and dimensions.
- Handle changes in your data source such as field addition, deletion or name changes.
- Share your visualizations with others.
- Combine your visualizations into Interactive Dashboards and publish them to the web.
- Represent your data using the following visualization types:
 - Cross tabs
 - Heat maps
 - Distribution charts
 - Tree maps
 - Pie charts and bar charts
 - Dual axis and combo charts with different mark types
 - Box plots
 - Highlight tables
 - Scatter plots

COURSE OUTLINE:

Simplifying and Sorting Your Data

- Data Filtering
- Creating Date Filters
- Sorting

Organizing Your Data

- Using Groups
- Creating and Using Hierarchies

Slicing Your Data by Date

- Working with Dates in Tableau
- Using Discrete Date Parts
- Defining a Fiscal Year
- Creating Custom Dates

Using Multiple Measures in a View

- Using Measure Values and Measure Names in a View
- Combo Charts
- Combined or Shared Axis Charts
- Creating Dual Axis Charts

Showing the Relationship between Numerical Values

- Creating Scatter Plots
- Using Sets

Viewing Specific Values

- Creating Heat Maps
- Creating Crosstabs
- Creating Highlight Tables
- Grand Totals, Sub-Totals, and Changing Aggregation

Customizing Your Data

- Calculation Types
- Parts of a Calculated Field
- Options for Creating Calculated Fields
- Strings, Dates, and Type Conversion Functions
- Calculations and Aggregations

Analyzing Data with Quick Table Calculations

- Using Quick Table Calculations

Showing Breakdowns of the Whole

- Pie Charts and Parts of the Whole
- Creating Tree Maps

Viewing Distributions

- Bins and Histograms
- Box and Whisker Plots

Making Your Views Available

- Building Dashboards
- Dashboard Actions

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Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

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- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

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- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience