Prep

eLearning

Audience

This course is designed to provide you with the tools and knowledge you'll need to prepare and shape data in Tableau Prep. This course will take you from data preparation to creating useful Tableau Prep flows that can be output to Tableau Desktop for analysis.

Duration

When this course is complete, it will be recommended that students plan to spend 6+ hours completing this course. The actual amount of time needed will vary depending prior experience and background. The course will be complete in 2019.

Sample eLearning

View and interact with several sample lessons at: www.tableau.com/elearning

Prerequisites

None.

Technology Requirements

For this course, you will need a version of Tableau Prep released within the last year, an Internet connection of 10Mbps or higher, the ability to listen to audio (headphones are recommended), the ability to download ~5MB activity files to your computer, and a recent version of the Chrome, Firefox, or Edge browsers. A small portion of the content requires a recent version of Tableau Desktop to get the most benefit out of those lessons.

At the end of this course, you will be able to:

- Describe what data works best with Tableau Desktop and how to shape and clean it appropriately to get maximum flexibility from Tableau Desktop.
- Describe where and how Tableau Prep is used within the analytic cycle, and when to prep data in Tableau Prep vs. Tableau Desktop.
- Define and describe the purpose of the terminology used in Tableau Prep.
- Use Tableau Prep's data sampling functionality.
- Create data prep flows that address common scenarios encountered in data preparation, as applied to common data use cases.
- View data prepared in Tableau Prep using Tableau Desktop (if you have access to Tableau Desktop).
- Describe how to explore and validate data in Tableau Prep.

Course Outline

- Introduction to Tableau Prep

- Connecting to Data

- Examining Data in the Profile Pane

- Cleaning Your Data: The Basics

- Validating Your Data

- Generating Output

- Cleaning Your Data: A Deeper Dive

- Combining Data with
  Unions in Tableau Prep

- Using Wildcard Unions
  in Tableau Prep

- Combining Data with
  Joins in Tableau Prep

- Shaping Data with Pivots

- Shaping Data Using Aggregates

- Sampling Your Data

- Designing Data Flows