



Tableau Desktop: Part 1 (v2020.2)

As technology progresses and becomes more interwoven with our businesses and lives, more and more data is collected about business and personal activities. This era of "big data" has exploded due to the rise of cloud computing, which provides an abundance of computational power and storage, allowing organizations of all sorts to capture and store data. Leveraging that data effectively can provide timely insights and competitive advantage. The creation of data-backed visualizations is a keyway data scientist, or any professional, can explore, analyze, and report insights and trends from data. Tableau® software is designed for this purpose. Tableau was built to connect to a wide range of data sources and allows users to quickly create visualizations of connected data to gain insights, show trends, and create reports. Tableau's data connection capabilities and visualization features go far beyond those that can be found in spreadsheets, allowing users to create compelling and interactive worksheets, dashboards, and stories that bring data to life and turn data into thoughtful action. This course may earn a Credly Badge.

COURSE OUTLINE

1 - TABLEAU FUNDAMENTALS

Overview of Tableau

Navigate and Configure Tableau

2 - CONNECTING TO AND PREPARING DATA

Connect to Data

Build a Data Model

Save Workbook Files

Prepare Data for Analysis

3 - EXPLORING DATA

Create Views

Customize Data in Visualizations

4 - MANAGING, SORTING, AND GROUPING DATA

Adjust Fields



Sort Data

Group Data

5 - SAVING, PUBLISHING, AND SHARING DATA

Save Data Sources

Publish Data Sources and Visualizations

Share Workbooks for Collaboration

6 - FILTERING DATA

Configure Worksheet Filters

Apply Advanced Filter Options

Create Interactive Filters

7 - CUSTOMIZING VISUALIZATIONS

Format and Annotate Views

Emphasize Data in Visualizations

Create Animated Workbooks

Best Practices for Visual Design

8 - CREATING DASHBOARDS IN TABLEAU

Create Dashboards

Enhance Dashboards with Actions

Create Mobile Dashboards

9 - CREATING STORIES IN TABLEAU

Create Stories

Enhance Stories with Tooltips