Tableau Desktop: Part 2 (v2020.2)

The advent of cloud computing and storage has ushered in the era of "big data." With the abundance of computational power and storage, organizations and employees with many different roles and responsibilities can benefit from analyzing data to find timely insights and gain competitive advantage.

Data-backed visualizations allow anyone to 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. Beyond the fundamental capabilities of creating data driven visualizations, Tableau allows users to manipulate data with calculations to show insights, make visualizations interactive, and perform statistical analysis. This gives users the ability to create and share data driven insights with peers, executives, and clients. This course may earn a Credly Badge.

COURSE OUTLINE

1 - BLENDING DATA FROM MULTIPLE SOURCES

• Blend Data

• Refine Blends to Visualize Key Information

2 - JOINING DATA

• Create Joins

• Troubleshoot Joins

• Merge Data with Unions

3 - ACCESSING DATA IN PDFS

• Connect to PDFs

• Clean Up and Organize PDF Data

4 - REFINING VISUALIZATIONS WITH SETS AND PARAMETERS

• Create Sets

• Analyze Data with Sets

• Apply Parameters to Refine Visualizations

• Create Advanced Visualizations

5 - ANALYZING DATA WITH CALCULATIONS

New Horizons

- Create Calculated Fields to Analyze Data

- Manipulate Data with Functions

- Analyze Data with Table Calculations

6 - VISUALIZING DATA WITH ADVANCED CALCULATIONS

- Create Groups and Bins with Calculations

- Analyze Data with LOD Expressions

7 - PERFORMING STATISTICAL ANALYSIS AND FORECASTING

- Perform Statistical Analysis

- Forecast Data Trends

8 - CREATING GEOGRAPHIC VISUALIZATIONS

- Create Maps

- Customize Mapped Data

9 - GETTING ANSWERS WITH ASK AND EXPLAIN

- Ask Data

- Explain Dat