Tableau Desktop - Part 2 (2 Days)

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 is designed for professionals in a variety of job roles who are currently using Tableau to perform numerical or general data analysis, visualization, and reporting. They need to provide data visualizations from multiple data sources, or combine data to show comparisons, manipulate data through calculations, create interactive visualizations, or create visualizations that showcase insights from statistical analysis. This course is also designed for students who plan to obtain Tableau Desktop Certified Associate certification, which requires candidates to pass the Tableau Desktop Certified Associate exam.

Course Benefits

- Gain the ability to blend data from multiple sources for comprehensive analysis.
- Develop skills to join and merge data for more accurate and insightful visualizations.
- Acquire the capability to access and organize data from PDFs, expanding data source options.
- Learn to refine visualizations with sets and parameters for detailed and customized insights.
- Gain expertise in using calculations to analyze and visualize data more effectively.
- Learn advanced skills in statistical analysis and forecasting to predict future trends.
- Gain the ability to create geographic visualizations, providing spatial insights from data.
- Develop competence in using Tableau's Ask and Explain features to quickly derive answers and explanations from data.
- Enhance your ability to create interactive and advanced visualizations that engage and inform stakeholders.

Course Outline

Blend data

Refine blends to visualize key information

Create joins

Troubleshoot joins

Merge data with unions

Connect to PDFs

Clean up and organize PDF data

Create sets

Analyze data with sets

Apply parameters to refine visualizations

Create advanced visualizations

Create calculated fields to analyze data

Manipulate data with functions

Analyze data with table calculations

Create groups and bins with calculations

Analyze data with LOD expressions

Perform statistical analysis

Forecast data trends

Create maps

Customize mapped data

Ask data

Explain data

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience using Tableau equivalent to skills learned in Tableau Desktop – Part 1.