

Tableau Fundamentals

Duration: 2 Days

Overview:

This course provides a comprehensive guide to effectively analysing and visualizing data. It begins with foundational concepts like connecting to various data sources and organizing data for clarity. As you progress, you'll delve into advanced techniques such as slicing data by date, using multiple measures in a view, and mapping data geographically. You will also learn how to simplify, sort, and customize your data for enhanced insights. The course culminates in making your views widely accessible through techniques of exporting and sharing. Equip yourself with the skills to transform raw data into meaningful, actionable insights.

Course Objectives:

In this course, you will learn how to:

- Connect and organize data from different sources.
- Filter, sort, and simplify data.
- Slice data by date and use multiple measures.
- Show relationships and map data geographically.
- View specific values and customize data.
- Conduct quick table calculations and create visual breakdowns.
- Highlight important data points and share your findings.

Course Content:

Lesson 1: Introduction to Tableau

- What is Tableau
- Installation

Lesson 2: Connecting to data

- Establishing Connections
- Data Sources
- Connecting Tableau to a Data File - CSV File
- Navigating Tableau

Lesson 3: Working with data

- Grouping Data
- Hierarchies
- Date Filters
- Time Series Analysis

Lesson 4: Working with Measures

- Dimensions and Measures
- Combined Views
- Measure Blending

Lesson 5: Mapping Data

- Scatter Plot
- Correlation Analysis
- Geographic Mapping techniques
- Interactive Maps
- Data highlighting
- Custom Fields
- Data Formatting
- Charts – Piechart/ Tree maps etc

Lesson 6: Table Calculations

- Basic Calculations
- Advanced calculations
- Adding Reference Lines
- Interpretation and Analysis

Lesson 7: Collaboration

- Exporting Data
- Share and Collaborate