

Module 1 : Introduction and Overview of Tableau

- Overview of ETL
- Introduction to Data Analytics
- Tableau Vs Other tools
- Introduction to Tableau Architecture
- What is Data Visualization?
- Installation and exploring Tableau Environment.

Module 2: Understanding Tableau Terminologies & Architecture

- Deep Dive into Tableau Architecture
- Tableau Files
- Launching Tableau
- Exploring Menu and Options
- Exploring Tools and Analytics Panel
- Dimensions and Measure
- Cards and Pills
- Connection to Data Source
- Data Loading Options
- Joins
- Data Types in Tableau
- Overview of Show Me

Module 3: Types of Charts in Tableau

- Bar Charts
- Pie Charts
- Density Chart
- Scatter Plots
- Tree Map
- Histogram
- Geographic Map
- Heat Map
- Line Graphs
- Box Plot
- Gantt Chart
- Bullet Chart
- Circle View
- Dual-Line Charts
- Area Charts
- Stacked Bar Chart

Module 4: Managing Tableau Worksheets

- Adding, Duplicating and Renaming Worksheets
- Reordering, Clearing and Deleting Worksheets
- Displaying Data of a Visualization
- Worksheet Tab Options

- Saving and Converting Worksheets
- Package Workbook
- Storylines

Module 5: Working on Data in Tableau

- Mathematical Operations
- Logical Operations
- Functions
- Marks Card
- Creating Calculated Fields
- Creating Custom Field using Formula
- Table Calculation
- Sorting
- Types of Filters
- Filter Options
- Conditional Filters
- Quick Filters
- Editing and Clearing Filters

Module 6: Working on charts in Tableau

- Creating and Pivoting Crosstab
- Un-pivoting Crosstab
- Cross tab Rows and Column Options
- Quick Visualization Change

- **Creating Basic Charts**
- **Converting Measure to Dimensions**
- **Resizing a Visualization**

Module 7: Formatting Tableau Visualizations

- **Annotating**
- **Formatting Chart Elements**
- **Format Axis**
- **Changing Color Sequence in Charts**
- **Trend Lines**
- **Publishing options for Workbooks and Dashboards.**
- **Publishing as scriplet**

Module 8: Tableau Dashboards

- **Creating a Dashboard**
- **Adding Elements to Dashboard**
- **Working on a Dashboard**
- **Filters in a Dashboard**
- **Creating Interactive Dashboards**
- **Actions and Filters in Dashboards**

Module 9: Understanding Tableau Products

- **Tableau Server**



- Tableau Online
- Tableau Mobile
- Tableau Public
- Tableau Reader

Module 10: Hands On

- Real-Time project
- Create Dashboards
- Implementing Best Practices
- Publish Dashboard