

Tableau course content

Module 1: Introduction to Tableau and Data Sources

- Introduction to Tableau
- Connecting to Excel Files
- Connecting to Text Files
- Connect to Microsoft SQL Server

Module 2: Preparing Data

- Creating and Removing Hierarchies
- Bins
- Parameters
- Set and Combined Sets
- Grouping

Module 3: Tableau Reporting

- Creating First Report
- Data Labels
- Format Report Title
- Create Folders
- Sorting Data
- Add Totals, Sub Totals and Grand Totals to Report
- Joining Tables
- Data Blending
- Table and Crosstab Report
- Annotations

Module 4: Tableau Tutorial on Filters

- Filters Introduction
- Quick Filters
- Filters on Dimensions
- Conditional Filters
- Top and Bottom Filters
- Filters on Measures
- Context Filters
- Data Source Filters
- Extract Filters
- Tableau Table Calculations
- Calculated Fields
- Create Table Calculations

Module 5: Tableau Functions

- Aggregate Functions
- Case Function
- Date Functions
- If, If Else, and Else If
- Logical, Math, String Functions
- Table Functions
- Type Conversion Functions
- Advanced functions

Module 6: Introduction to the Charts and discuss about the important charts and its usage

- Introduction to Charts
- Area Chart
- Bar Chart
- Bubble Chart
- Heat map
- Line Chart
- Pie Chart
- Scatter Plot
- Stacked Bar Chart
- Dual Lines Chart
- Funnel Chart

Module 7: Different Axis reports and references

- Dual Axis Reports
- Blended Axis
- Individual Axis
- Reference Lines
- Reference Bands and Distributions

Module 8: Tableau Maps and Dashboards

- Basic Maps
- Symbol Map
- Create a Dashboard
- Format Dashboard Layout
- Create a Device Preview of a Dashboard
- Create Filters on Dashboard
- Dashboard Objects
- Create a Story
- Exploring on creating set of dashboards based on the use cases.