
Tableau course content

Course Syllabus:

Basic concepts & Connecting to data

- Tableau Desktop and the Tableau Product Line
- Tableau Architecture
- Tableau File Types
- Creating a Live Data Connection
- Creating and Saving a Data Source(Extract)
- Tables Joins
- Data Blending
- Sharing a Data Source
- Understanding Changes to Data
- Other Data Connection Options in Tableau

Creating view & Analyzing:

- Getting Started in Tableau Desktop
- Dimensions & Measures
- Tableau user interface
- Elements of a Visualization
- Measure Names and Measure Values
- Formatting Your View
- Data Filtering
- Marks
- Size & Sorting
- Discrete versus Continuous
- Dual Axis / Multiple Measures
- Pageshelf - Creating Motion Charts
- All Chart Types
- Working with aggregate versus disaggregated data
- Sorting & Grouping
- Aliases
- Cross-Tabs (Pivot Tables)
- Grand Totals, Sub-totals
- Drilling and Drill Through (Hierarchy)

Mapping Data Geographically

- Geographic Mapping in Tableau

Calculated field:

- Working with String Functions
- Basic Arithmetic Calculations
- Date functions
- Logic Statements
- LOD – Level of Detail Calculations
- Using Parameters for Dynamic Values

Viewing Distributions:

- Bins and Histograms

Table Calculations:

- Lookup & Running Totals
- Window
- Index & Rank
- First and last

Dashboard Design & Formatting:

- Combining multiple visualizations into a dashboard
- Making your worksheet interactive by using actions and filters
- An Introduction to Best Practices in Visualization
- Working with Labels and Annotations
- Effective Use of Titles and Captions

Highlighting Data with Reference Lines:

- Using Reference Lines and Reference Bands

Sharing Your Work:

- Publish to the Server
- Export to an Image File
- Exporting the Data Only
- Other Sharing Options

Basic Tableau Server Training

Interacting with the Tableau Server & Basic Admin activities.