

CELEBRATING
12 YEARS

Quality Thought®



tableau®

Introduction to Data Visualization

- ⇒ What is Data Visualization?
- ⇒ Why is it needed?
- ⇒ Uses of Tableau
- ⇒ Architecture of Tableau
- ⇒ Installation of Tableau Desktop
- ⇒ Tableau Products

Connecting to Data

- ⇒ Tableau Home Page
- ⇒ Data Source Page
- ⇒ Connecting to Text and Excel Files
- ⇒ Connecting to Databases
- ⇒ Live and Extract Connections
- ⇒ Using and Refreshing Extracts
- ⇒ Clipboard Data

Tableau Environment

- ⇒ Tableau Window Partitions
- ⇒ Visual Cues in Tableau
- ⇒ Dimensions, Measures Continuous and Discrete
- ⇒ Generated Fields
- ⇒ Workbooks and Sheets
- ⇒ Show me

Basic Visualizations

- ⇒ Line Chart
- ⇒ Bar Chart
- ⇒ Area Charts
- ⇒ Text Tables
- ⇒ High Light Tables
- ⇒ Totals and Sub Totals
- ⇒ Creating Charts Using "Show Me"
- ⇒ Highlight Tables
- ⇒ Flavored Bar Charts
- ⇒ Heat Maps & Tree Maps
- ⇒ Area Charts & Bubble Charts
- ⇒ Scatter Plots Gantt Bars & Lollipop Charts

Building Data Views

- ⇒ Sorting Grouping
- ⇒ Sets/Bins and Histogram
- ⇒ Pause Automatic Updates

Building Interactive Views

- ⇒ Filters
- ⇒ Parameters Calculated Fields
- ⇒ Table Calculations
- ⇒ Conditional Formatting

Maps and Geo Coding

- ⇒ Mapping Basics
- ⇒ Symbol Maps
- ⇒ Filled Maps
- ⇒ Editing Locations
- ⇒ Map Options
- ⇒ Map Layers
- ⇒ WMS Servers Sorting in Maps
- ⇒ Polygon Maps

Calculations

- ⇒ Creating Calculated Fields
- ⇒ Number Functions
- ⇒ String Functions
- ⇒ Date Functions
- ⇒ LODs and its Types

Playing with Time

- ⇒ Built in Hierarchy
- ⇒ Creating Hierarchy
- ⇒ Quick Table Calculations
- ⇒ Custom Table Calculations
- ⇒ YTD & MTD
- ⇒ Trend Lines

Advanced Analysis

- ⇒ Parameters
- ⇒ Clusters in Data
- ⇒ Reference Lines & Reference Bands
- ⇒ Distribution Bands
- ⇒ Forecast Grand Totals & Sub Totals
- ⇒ Summary Card

Data Blending

- ⇒ What is Data Blending?
- ⇒ Uses of Data Blending
- ⇒ Cross Data Base Joins
- ⇒ Report creation using Data Blending

Present Your Work

- ⇒ Actions and its types
- ⇒ Formatting
- ⇒ Annotations
- ⇒ Drop Lines
- ⇒ Log Axes
- ⇒ Exporting Data

Dashboards and Story

- ⇒ What is a Dashboard?
- ⇒ Create a Dashboard
- ⇒ Refine Dashboard
- ⇒ Dashboard Objects
- ⇒ Actions in Dashboard
- ⇒ Create a Story Board
- ⇒ Options in Story Board

Advance Visualizations

- ⇒ Dual Combination Charts
- ⇒ Box & Whisker Plots
- ⇒ Motion Charts
- ⇒ Pareto Analysis
- ⇒ Waterfall Charts
- ⇒ Market Basket Analysis
- ⇒ Funnel Charts
- ⇒ Donut Charts

Performance Tuning

- ⇒ How to Optimize workbook performance
- ⇒ How to record the Performance?

Publishing Your Work

- ⇒ How to Publish Data Sources?
- ⇒ How to Publish Worksheets & Workbooks

Tableau Server

- ⇒ Introduction To Tableau Server
- ⇒ Tableau Server Architechure
- ⇒ Basic options in Tableau Server

STUDENT TRANSFORMATION STAGES



OUR STUDENTS ARE PLACED IN
