

TABLEAU COURSE CONTENT

Faculty: -

Fee:-

Duration:-

Demo Time:-

Batch Time:-

1 TABLEAU DESKTOP

Introduction

- ✓ Tableau Introduction
- ✓ Tableau history
- ✓ Data source and data connections types

Field Types and Visual Cues

- ✓ Tableau Desktop
- ✓ Data Source Page
- ✓ Tableau Workspace
- ✓ Files and Folders
- ✓ Getting Started with Tableau
- ✓ View Terminology and Definitions
- ✓ View Sections
- ✓ Data Terminology and Definitions
- ✓ Data Types
- ✓ Data Roles: Dimension vs. Measure
- ✓ Data Roles: Continuous vs. Discrete
- ✓ Changing Data Roles
- ✓ Visual Cues for Fields in the Data Pane
- ✓ Visual Cues for Fields in the Rows or Column Shelves

Data Connection in Tableau Interface

- ✓ Data Connections in the Tableau
- ✓ Connecting to Tableau Data Server
- ✓ What is a Join and Types
- ✓ What is Data Blending
- ✓ Joining vs. Blending
- ✓ Writing Custom SQL
- ✓ Prepare your Data for Analysis

Organizing and Simplifying Data

- ✓ Objectives
- ✓ Filtering Data
- ✓ Filtering on Dimensions
- ✓ Aggregating Measures
- ✓ Filtering on Measures
- ✓ Filtering on Dates
- ✓ Quick Filters
- ✓ Combined Fields
- ✓ What is a Group
- ✓ What are Aliases
- ✓ Defining an Alias
- ✓ Sets
- ✓ Drill to Other Levels in a Hierarchy
- ✓ Grand totals and Subtotals
- ✓ Adding Totals
- ✓ Bins

Formatting and Annotations

- ✓ Formatting and Annotations
- ✓ Custom Geo-coding
- ✓ Adding Caption to Views
- ✓ Using Titles Captions and Tool tips
- ✓ Adding Tooltips to Views
- ✓ Using Title Caption and Tooltip
- ✓ Formatting the Axes
- ✓ Edit Axis Option

- ✓ Format Window
- ✓ Format Mark Labels
- ✓ Annotations
- ✓ Format Manipulations

Special Field Types

- ✓ Special Field Types
- ✓ Date Hierarchies
- ✓ Drilling in the Time Hierarchy
- ✓ Using Continuous Dates
- ✓ Using Discrete Dates
- ✓ Working with Discrete and Continuous dates
- ✓ What are Custom Dates
- ✓ Creating and Using Custom Dates
- ✓ Define a Date Field on a Fiscal Year
- ✓ Relative Date Filters

Tableau Generated Fields

- ✓ Tableau Generated Fields
- ✓ Using Measure Values and Measure Names
- ✓ Using Multiple Measures in a View
- ✓ Using the Number of Records Measure
- ✓ Using Latitude and Longitude Fields

Chart Types

- ✓ Chart Types
- ✓ Working with Combined Axis
- ✓ Working with Combination Charts
- ✓ Combined Axis Graph and Scatter Plot
- ✓ Describe text and highlight tables
- ✓ Work with Pages Shelf and Create Motion Charts
- ✓ Heat Maps
- ✓ Using Bins and Histograms
- ✓ Using Histograms
- ✓ Using Pie Charts
- ✓ Compare Measures Using Bullet Charts

- ✓ Using Bar in Bar Charts
- ✓ Define Advanced Chart Types
- ✓ Using Waterfall Charts
- ✓ Using Gantt Charts
- ✓ Working with box plots

Creating and using Parameters

- ✓ Creating and using Parameters
- ✓ Objectives
- ✓ What is a Parameter
- ✓ Creating a Parameter
- ✓ Exploring Parameter Controls
- ✓ Work with Parameters

Mapping

- ✓ Define Mapping
- ✓ Modifying Locations within Tableau
- ✓ Importing and Modifying Custom Geocoding
- ✓ Working with Symbol Map and Filled Map
- ✓ Using Background Image
- ✓ Exploring Geographic Search
- ✓ Perform Pan Zoom Lasso and Radial Selection

Data presentation and Data analysis

- ✓ Define Forecasting, Trend lines, Reference lines
- ✓ Define Drop lines and Annotations

Actions & Calculated fields

- ✓ Explain actions
- ✓ Actions using like Filters, Highlights, Go to sheet and URL
- ✓ Define calculated fields

Dashboards

- ✓ Creating Dashboards
- ✓ Dashboards formatting
- ✓ Actions in dashboards
- ✓ Perform navigation in dashboards
- ✓ Publishing and sharing

2 TABLEAU ONLINE

- ✓ Define Tableau online
- ✓ Projects
- ✓ Get data
- ✓ Create reports
- ✓ Scheduling
- ✓ Grouping users
- ✓ Subscribe
- ✓ Share
- ✓ Edit reports
- ✓ Generate URL on reports
- ✓ Notifications
- ✓ Favorites

3 Tableau server

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- ✓ Projects
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4 Tableau mobile

- ✓ Explore
- ✓ Project
- ✓ Workbook
- ✓ View
- ✓ Share
- ✓ Subscribe
- ✓ Refresh
- ✓ Favourites

5 Tableau reader

- ✓ View
- ✓ Export
- ✓ Copy
- ✓ Save

6 Tableau public

- ✓ Edit
- ✓ View
- ✓ Share
- ✓ Favourite

7 Tableau prep

- ✓ Aggregate
- ✓ Pivot
- ✓ Join
- ✓ Union
- ✓ Sort
- ✓ Filter
- ✓ Group
- ✓ Bins
- ✓ Split values
- ✓ Data types
- ✓ Calculated fields
- ✓ Output

8 Tableau Admin

- ✓ Giving access to users
- ✓ Provide permissions to users
- ✓ Creating groups to users
- ✓ Creating projects to users
- ✓ Other settings

9 Tableau bridge