



Tableau Training

Complete Practical & Real-Time Training

Tableau Training Highlights:

✓ OLTP DB Sources	✓ DWH in Tableau
✓ Tableau Filters	✓ Google Sources
✓ Tableau Functions	✓ Interview Preparation
✓ Real-time Scenarios	✓ 100% Guaranteed Results
✓ Resume Preparation	✓ Study Material & Practice Labs

All Training Sessions are completely Practical & Real-time

Every session includes Study Material and Practice Material

Tableau Training

Tableau Development (Applicable for Plan A & Plan B)

DAY 1: TABLEAU INTRODUCTION

- Need for Business Intelligence (BI)
- Need for Reporting Tools
- Need for Data Visualizations
- Tableau Data Analyst Roles
- Tableau Business Analyst Roles
- Tableau - Scope and Advantages
- Why Tableau? Why Visualizations?
- Level Setting and Terminology
- Tableau Product Line in Real-world
- Licensing and Pricing in Tableau
- Integration Components in Tableau
- Comparing Tableau and Power BI
- Comparing Tableau and QlikView

DAY 2: TABLEAU INSTALLATION

- Installing Tableau Desktop Tool
- Understanding the Interface
- Menu Options and Data Access Options
- Integration Components in Tableau
- Designing Basic Reports in Tableau
- Understanding the Tableau workspace
- Understanding Dimensions and Measures
- Using "Show Me" Options & Workspace
- Working of Shelves and Marks
- Building Basic Views in Tableau
- Help Menu and Samples in Tableau
- Saving and Sharing your work
- Application Terminology, Definitions
- Data Source Page, Tableau Workspace
- Distributing and Publishing Reports

DAY 3: TABLEAU PREP

- Tableau Prep Interface - Examples
- Building Flows in Tableau Interface
- Input Step and Cleaning Step
- Adding Data to Flow, Wildcard Union
- Data Sampling, Additional Inputs
- Data Cleansing - Context, Process
- Annotations and Cleaning Options
- Group & Replace, Out of Domain Values
- Fuzzy Matching Algorithms and Notes
- Profile Pane in Tableau & Errors
- Data Highlighting, Distribution
- Pivot Step and Aggregation Step
- Join Configuration Pane, Join Edits
- Union Configuration Pane, Union Edits
- Output Step : Creation and Edits
- Running the Flow, Multi Output
- Preview in Tableau Desktop

DAY 4: DATA SOURCES IN TABLEAU

- Connecting to DAT and CSV File Sources
- Connecting to Excel File Sources, Sheets
- Connecting to OLTP Database Sources
- Connecting to DWH Database Sources
- Connecting to OLAP Database Sources
- Connecting to Cloud Databases Tableau
- Connecting to Files & Folders in Tableau
- Working with Multiple Sheets - Live, Extract
- Extract Refresh, Publish Data Source
- Metadata Edits, Connection Edits
- Join Types: Inner, Outer and Union
- Cross Database Joins, Data Blending
- Data Blending - Calculations, Aggregations
- Aestricks, Pdf Connections. Headers, Pivots

<p>DAY 5: VISUAL ANALYTICS - Level 1</p> <ul style="list-style-type: none"> • Marks and Mark Types in Power BI • Number, Aggregations in Marks • Building View, Highlights, Details • Hierarchies and Drilldown Options • Sorting from Pill, Nested Sorts • Grouping Headers, Grouping Pane • Grouping Marks, Visual Grouping • Calculations, Parameters in Grouping • Creating and Combining Sets - Marks 	<p>DAY 6: VISUAL ANALYTICS - Level 2</p> <ul style="list-style-type: none"> • Data Filters and Filter Shelf - Usage • Pill Types in Filtering and Dates • Measures and Continuous Dimensions • Interactive Filters - Layout Modes • Cascading Interactive Filters - Usage • Where Tableau Filters, Summaries • Data Source Filters, Record Filters • Context Filters and Worksheets • Filter Order with Filter Queries • Parameters in Tableau - Types • Parameters and Filters Usage • Parameters with Sets, Calculated Fields • Parameters with Reference Lines
<p>DAY 7: VISUAL ANALYTICS - Level 3</p> <ul style="list-style-type: none"> • Formatting Options with Tableau • Labels, Annotations and Tooltips • Formatting Specific Parts of the View • Editing, Formatting Axes. Map Layers • Formatting Pane: Formatting Menu • Font, Alignment, Shading, Borders • Lines, Copy/Paste, Workbook Formats • Tooltips: Storytelling, selection, Action • Command Buttons, Conditional Tooltips • Viz in Tooltip, Size and Filters • TrendLines, Significance and Residuals • Command Buttons & Conditional Tooltips • Reference Lines: Adding, Edits, Formats • Lines, Bands, Distribution and Boxes • Reference Bands, Reference Distributions • Box Plots, Drop Lines and Forecasts 	<p>DAY 8: VISUAL ANALYTICS - Level 4</p> <ul style="list-style-type: none"> • Forecast Fields and Descriptions • k-means Cluster Analysis, Conditions • Using MDX and cohort Calculations • Grouping and Calculated Members • OLAP Cube Reports in Real-time • Map Reports : Latitudes, Longitudes • Coordinate Points, Geo Coding • Plotting Graphs, Symbols, Filled Maps • WMS and Map Layers. Spatial Data • Polygon Maps, Background Images • Map box Integration - Classic and GL
<p>DAY 9: CALCULATIONS</p> <ul style="list-style-type: none"> • Tableau – Operators and Functions • Calculations Syntax, LOD Expressions • Numeric Calculations, String Calculations • Table Calculations and Field Set, Edits • Manual, Quick Table Calculations • Aggregate Calculations, Columns • Date Calculations, Tableau Dates • Logic Calculations, String Calculations • Number Calculations, Type Calculations • Nested LOD Calculations, Integrations 	<p>DAY 10: TABLEAU CHARTS - Level 1</p> <ul style="list-style-type: none"> • Bar Chart : Simple Bar Chart • Bar Chart Color Range , Stacked Bar • Line Chart Simple Line Chart • Multiple Measure Line Chart • Line Chart with Label Tableau - Pie Chart • Simple Pie Chart Drill-Down Pie Chart • Crosstab, Simple Crosstab Crosstab • Color Encoded Crosstab - Row Percentage • Scatter Plot, Simple Scatter Plot • Scatter Plot - Color Encoded Properties

<ul style="list-style-type: none"> Granularity and Ratio Calculations 	<ul style="list-style-type: none"> Scatter Plot - Drill-Down Scatter Plot
<p>DAY 11: TABLEAU CHARTS - Level 1</p> <ul style="list-style-type: none"> Bubble Chart : Simple Bubble Chart Bubble Chart with Measure Values Bubble Chart with Measure Colors Bullet Graph and Real-time Use Box Plot Creating Box Plot Tableau Creating Tree Map - Bump Chart Bump Chart and Gantt Chart Gantt Chart Versus Histogram Motion Charts and Properties Waterfall Charts and Properties 	<p>DAY 12: DASHBOARDS & STORIES</p> <ul style="list-style-type: none"> Dashboards and Stories in Tableau Building Dashboards - Views, Sheets Dashboard Size, Views, Objects Legends and Quick Filters in Tableau Tiles, Floating Layouts in Tableau Layout Containers, Images, Web Pages Dashboard Extensions, Management API Extensions - Usage in Tableau Device Designer - Default Layout Adding and Customizing Layouts Story Points - Creation and Updates Bollinger Bands - Views, Summary Data Cleansing - Bulk Re-aliasing
<p>REAL-TIME CASE STUDY</p> <ul style="list-style-type: none"> Working with Tableau Prep Working with Tableau Desktop Cloud Data Sources, Mapping Data Cleansing and LOD Expressions Calculations and Dashboards Storytelling with Analytics, Filters 	

<h2>Tableau Administration <small>(Applicable for Plan B)</small></h2>	
<p>DAY 13: TABLEAU ONLINE</p> <ul style="list-style-type: none"> Tableau Online - Architecture Publish Tableau Workbook, Verify Sharing Options and Layouts Adding Device Layouts in Tableau Online Adding Custom Layouts in Tableau Online Adding Content to Custom Layouts Java Script API in Table Online Security Advantages @ Tableau Online 	<p>DAY 14: TABLEAU SERVER</p> <ul style="list-style-type: none"> Tableau Server - Architecture Tableau Server - Installation Process Publish Tableau Workbook, Verify Sharing Options and Layouts Adding Device Layouts in Tableau Server Adding Custom Layouts in Tableau Server Adding Content to Custom Layouts Java Script API in Table Server Tableau Online Versus Table Server Security Advantages @ Tableau Server Performance Advantages @ Tableau Server

DAY 15: Collaborate TABLEAU ONLINE

- Tableau Online - Purpose, LIVE Reports
- Projects and Workbooks in Tableau Online
- Tableau Report Views in Tableau Online
- Searching Content, Data Sources, Sites
- Account Settings, Drill Down, Actions
- Custom Views, Comments - Tableau Online
- Downloads, Exports - Tableau Online
- Sharing, Subscription and favorites
- Web Authoring, Edits and Publish Online
- Data Driven Alerts - Refining, Managing
- Stacked Bars and Views For Alerting
- Navigations, Snapshots, Searching
- Mobile Reports - Phone Marks and Maps
- Interacting with Content on Tableau Online

DAY 16: Collaborate TABLEAU SERVER

- Tableau Server - Purpose, LIVE Reports
- Projects, Workbooks in Tableau Server
- Tableau Report Views in Tableau Server
- Searching Content, Data Sources, Sites
- Account Settings, Drill Down, Actions
- Custom Views, Comments in Tableau Server
- Downloads and Exports in Tableau Server
- Sharing, Subscription and favorites
- Web Authoring, Edits and Publish Online
- Data Driven Alerts - Refining, Managing
- Stacked Bars, Alerting Views in Server
- Navigations, Snapshots, Searching in Server
- Mobile Reports - Phone Marks and Maps
- Interacting with Content on Tableau Server

DAY 17: MANAGE TABLEAU ONLINE

- Tableau Online - Administration Concepts
- Tableau Sites, Users and Groups Security
- Schedules, Tasks, Status in Tableau Online
- Settings and Alerts in Tableau Online
- Tableau Bridge - Need, Requirements
- Bridge Client Setup and Secured Usage
- Tableau Bridge Client - LIVE Connections
- Tableau Command Line Utility - Usage
- R Integration with Tableau Online
- Cloud Integration with Tableau Online

DAY 18: MANAGE TABLEAU SERVER

- Tableau Server - Administration Concepts
- Tableau Sites, Users, Groups Security
- Group Rules, Web Edits in Tableau Server
- Project Permission and Locking Options
- Data Security with user Filters in Server
- user Filters and Hybrid Models in Server
- Access Roles, Schedules, Extraction
- TSM : Tableau Services Manager
- TSM Configuration for Real-time Use
- Browser, Maintenance, GUI and CLI
- Backups and Restores with Tableau TSM
- TSM Upgrades For Tableau Report Config.
- Tabcmd : Command Line Utility - Imports
- Tabcmd : user Import via CSV File
- Comparing Tableau & Microsoft Power BI

REAL-TIME CASE STUDY

- Working with Tableau Online
- Working with Tableau Server
- Table Bridge with LIVE Edits
- Data Refresh - Auto, Manual
- Dashboards & Worksheets - Security
- ☑ Users, Roles and Group Security

For free demo and registrations:

. **Call (24x7)** : +91 9666440801 (or) +91 9666640801

. **Skype** : SQL School Training Institute (24x7)

USA : Country Code - 001 (510) 400-4845 (Office)

Mail : contact@sqlschool.com



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