

## Tableau Desktop and Server Course Contents

### **Introducing Tableau:**

- Why Tableau? Why Visualization?
- What are the pre-requisites to learn Tableau?
- Tableau Products

### **Tableau Desktop:**

#### **Introduction:**

- Tableau Advantage
- Tableau Terminologies
- The business case for visual analysis
- Tableau Architecture
- Understanding the Tableau workspace
- Tableau file types and extensions

#### **Connecting to your data:**

- Overview
- How to connect to your data
- Working with data files versus database servers
- Live and Data Extract connections and their usage
- Custom SQL
- Joining multiple tables
- Union
- Data Blending for multiple data sources
- Using Show Me!
- Understanding Changes to Data
- Other Data Connection Options in Tableau

**Visualization Types:**

- Cross tab
- Maps
- Heat Map
- Tree map
- Scatter plots
- Bar charts
- Pie chart
- Dual Axis chart
- Combo Charts
- Bubble Chart
- Bullet Chart
- Box and Whisker plot
- Histogram
- Gantt Chart
- Stacked bar

**Advance chart types**

- Pareto
- Bar in Bar
- donut
- waterfall
- funnel
- lollipop

**View Enhancements:**

- New features in Version 10
- Filtering
- Sorting
- Groups
- Sets
- Actions
- Bins
- Parameters
- Table calculation Functions
- Calculated Fields.

- Tableau Functions.
- Tableau Formulas.
- LOD Expressions
- Using Multiple Measures (Dual Axis)
- Formatting options
- Functions used in Calculations
- LOD Expressions
- Forecasting
- Reference Lines, Bands, Distributions, and Boxes
- Trend Lines

### **Dashboards & Stories:**

- Layout Containers
- Building dashboards
- Creating Stories
- Rearranging Dashboard Views and Objects
- Setting the Dashboard Size
- Dashboard Design for Mobile
- Publishing workbooks/data sources to tableau server
- Creating incremental/full loads

### **Tableau Server:**

- Introduction
- Server architecture
- What's new in version 10?
- Scheduling workbooks and data sources
- Setting Permissions
- Opening Workbooks from the Server
- Importing Data Sources from the Server
- Providing data security with User Filter



Phone-9741120618, 9535999446

[www.sarlakg.com](http://www.sarlakg.com)

## Project Related

- Real time Project Scenarios.
- Tips & Tricks
- keyboard short cuts
- Professional Resume Preparation.
- Mock Interviews.