

Tableau Course description

[30 Hours]

What is this course about?

Microsoft® Excel 2013 Advance certification enables the professionals to gain proficiency in **Tableau** Desktop is one of the most used data visualization, reporting and Business Intelligence tool in the world. It has regularly been a leader in the Gartner Magic Quadrant. Tableau is simple to use requiring minimum skill level and has great visualization capabilities making it the reporting tool of choice for multiple enterprises.

The Tableau Desktop training provided by Sikhiya Institute is to ensure you are ready to take up a job assignment requiring Tableau Desktop expertise. The course has been specifically designed to give your Tableau career a strong boost. This Tableau training focuses on skills, such as visualization building, analytics and dashboards. This course also prepares you for the Tableau Desktop 10 Qualified Associate certification exam by Tableau.

Key Features

- ✓ 100% Practical Oriented Training
- ✓ Real-time Scenarios
- ✓ Placement Assistance
- ✓ Affordable Fees
- ✓ Full- Time Trainers

Course Contents

1. Introduction to Data Visualization

Data Visualization
Introducing Tableau 10.0
Establishing Connection
Joins and Union
Data Blending

2. Visual Analytics

Managing Extracts
Managing Metadata
Visual Analytics
Data Granularity using Marks Card
Highlighting
Introduction to basic graphs

3. Visual Analytics in depth I

Sorting.
Filtering.
Grouping
Graphical Visualization

4. Visual Analytics in depth II

Sets
Forecasting
Clustering
Trend Lines.
Reference Lines.
Parameters

5. Dashboard and Stories

Introduction to Dashboard.
Creating a Dashboard Layout.
Designing Dashboard for Devices.
Dashboard Interaction - Using Action.
Introduction to Story Point.

6. Mapping

Introduction to Maps.
Editing Unrecognized Locations.
Custom Geocoding.
Polygon Maps.
Web Mapping Services.
Background Images.

7. Calculation

Introduction to Calculation: Number Functions, String Functions, Date Functions, Logical Functions, Aggregate Functions.
Introduction to Table Calculation.
Introduction to LOD expression: Fixed LOD, Included LOD, Excluded LOD

8. LOD Problem Sets & Hands

Use Case I - Count Customer by Order.
Use Case II - Profit per Business Day.
Use Case III - Comparative Sales.
Use Case IV - Profit Vs Target
Use Case V - Finding the second order date.
Use Case VI - Cohort Analysis

9. Charts

Box and Whisker's Plots
Gantt Charts
Waterfall Charts
Pareto Charts
Control Charts
Funnel Charts

10. Integrating Tableau with R and Hadoop

Introduction to Big Data
Introduction to Hadoop
Introduction to R
Integration among R and Hadoop
Calculating measure using R
Integrating Tableau with R
Integrated Visualization using Tableau