

# **Tableau Course Content**

## ❖ **Introduction to Data Visualization**

- Data Visualization
- BI Tools and Comparison
- Introduction to Tableau
- Tableau Architecture
- VIZQL
- Tableau Hands-on
- Establishing Connection
- Tableau UI Components

## ❖ **Introduction to Data Visualization**

- Joins and Union
- Data Blending

## ❖ **Visual Analytics**

- Managing Extracts
- Metadata
- Visual Analytics
- Data Granularity
- Highlighting
- Introduction to Basic Graphs
- Sorting
- Filtering
- Grouping
- Graphical Visualization
- Sets
- Forecasting
- Clustering
- Trend Lines
- Reference Lines
- Parameters

## ❖ **Maps**

- Introduction to Mapping
- Editing unrecognized Locations
- Custom Geocoding
- Polygon Maps
- Web Mapping Services
- Background Images

❖ **Dashboards and Stories**

- Introduction to Dashboards
- Creating a dashboard layout
- Designing Dashboard for Devices
- Dashboard Interaction-Using Action
- Introduction to Story Point

❖ **Calculations:**

- Introduction to Calculations
  - Number Functions
  - String Functions
  - Date Functions
  - Logical Functions
  - Aggregate Functions
- Introduction to Table Calculations
- Introduction LOD expressions
  - Fixed LOD
  - Included LOD
  - Excluded LOD

❖ **Advanced Charts**

- Box and Whisker's Plot
- Gantt Chart
- Waterfall Chart
- Pareto Chart
- Control Chart
- Funnel Chart

❖ **Integrating Tableau with R and Hadoop**

- Introduction to Bigdata
- Introduction to Hadoop
- Introduction to R
- Integration among R and Hadoop
- Calculating measure using R
- Integrating Tableau with R
- Integrated Visualization using Tableau

❖ **Additional Information:**

- Real time project
- Reference Materials
- Certification dumps
- Current Openings

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