# Tableau Course Content

**Section 1: Data warehousing Concepts**

- ➤ What is DWH?
- ➤ Characteristics of Data warehouse
- ➤ Difference between OLTP and DWH
- ➤ Architecture of DWH
- ➤ Various BI tools
- ➤ Types of DWH
- ➤ Types of Dimensional Data Modeling
- ➤ Surrogate key
- ➤ Types of Dimension

**Section 2: Business Intelligence Concepts**

- ➤ BI application types (ad hoc, standard reporting, analytic applications, dashboards) and audiences
- ➤ Specification of templates, applications and navigation framework
- ➤ Development of applications and BI portal

**Section 3: Tableau Desktop (Introduction)**

- ➤ Introduction Tableau
- ➤ Connecting to Excel, CSV Text Files
- ➤ Getting Started
- ➤ Product Overview
- ➤ Connecting to Databases
- ➤ Working with Data
- ➤ Analyzing
- ➤ Formatting
- ➤ Introduction to Calculations
- ➤ Dashboard Development
- ➤ Sharing
- ➤ Data Calculations
- ➤ Aggregate Calculations
- ➤ User Calculations

- Table Calculations
- Logical Calculations
- String Calculations
- Number Calculations
- Type Conversion
- Parameters
- Filtering Conditions
- Filtering Measures
- Histograms
- Sorting
- Grouping
- Sets
- Tree maps, word clouds and bubble charts
- Pareto Charts
- Waterfall Charts
- Bump Charts
- Funnel Charts
- Bollinger Bands

**Section 4: Tableau Public**

- Publish Worksheets
- Publish Dashboard
- Publish Stories
- Edit Permissions
- Edit Content
- JavaScript API Intro and Embed

**Section 5: Tableau Advanced**

- Authoring for Interactivity
- Data Blending
- Basic Mapping
- Advanced Mapping Techniques
- WMS Servers
- Polygon Maps
- Background Images
- Custom Geo coding
- Cubes
- Trend Lines, Residuals, and Forecasting
- Statistics Calculations
- Ben ford's Law
- Box Plots

**Section 6: Tableau Visual Analytics Training**

- Introduction
- Laying the Groundwork for Visual Analysis
- Getting, Cleaning and Classifying Your Data
- Visual Mapping Techniques
- Solving Real-World Problems
- Communicating Your Findings