Data Analytics with Tableau

1. Introduction to Tableau Desktop
    a. Overview of Business Intelligence
    b. Introduction to Tableau Desktop
    c. Use and benefits of Tableau Desktop
    d. Tableau's Offerings
2. Tableau Desktop Interface
    a. Data Source Page
    b. Worksheet Interface
    c. Creating a Basic View
3. Connecting Data Sources
    a. Data Types
    b. Data Roles
    c. Visual Cues for Fields
    d. Data Preparation
    e. Data Source optimization
    f. Joins
    g. Cross Database Joins
    h. Data Blending
    i. Joining vs. Blending
    j. Union
    k. Creating Data Extracts
    l. Writing Custom SQL
4. Organizing Data
    a. Filtering Data
    b. Sorting Data
    c. Creating Combined Fields
    d. Creating Groups and Defining Aliases
    e. Working with Sets and Combined Sets
    f. Drilling and Hierarchy

g. Adding Grand Totals and Subtotals
h. Changing Aggregation Functions
i. Creating Bins
j. Cross Data Source Filter

5. Formatting Data
    a. Effectively use Titles, Captions, and Tooltips
    b. Format Results with the Edit Axes
    c. Formatting your View
    d. Formatting results with Labels and Annotations
    e. Enabling Legends per Measure
    f. Calculations
    g. Use Strings, Date, Logical, and Arithmetic Calculations
    h. Create Table Calculations
    i. Discover Ad-hoc Analytics
    j. Perform LOD Calculations
6. Visualizations
    a. Creating Basic Charts such as Heat Map, Tree Map, Bullet Chart, and so on
    b. Creating Advanced Chart as Waterfall, Pareto, Gantt, Market Basket
7. Create Dashboards and Stories
    a. Dashboard Interface
    b. Build Interactive Dashboards
    c. Explore Dashboard Actions
    d. Best Practices for Creating Effective Dashboards
    e. Story Interface
    f. Creating Stories
    g. Share Your Work