Power BI Desktop

Data Visualization

Course Length: 8 Hours

Course Objectives

Upon successful completion of this course, students will be able to:

- Navigate in Power BI Desktop

- View and Understand Data Models

- Create Reports using Data Model Data

- Create Tables, Matrices and Charts

- Use Measures and KPIs in Power BI Visualizations

- Create Interactive Dashboards

Course Content

1: Introducing Power BI Desktop

- Why Use Power BI Desktop

- Exploring the Data Model Interface

2: Creating Standard Visualizations

- Creating Tables and Matrices

- Constructing Bar, Column, Pie and Donut Charts

- Building Line and Scatter Charts

3: Creating Interactive Dashboards

- Enabling Drill Down
- Adding Slicers and Timelines
- Creating Page Filters
- Creating Report Filters

4: Adding More Visualizations

- Adding KPIs
- Creating Map-Based Visualizations
- Understanding Tree Maps
- Understanding Ribbon Charts

5: Adding Pictures and Elements

- Inserting Pictures
- Using Cards to Organize the Data

6: Formatting Elements on a Chart

- Modifying the Look of an Element
- Aligning Elements on a Page

7: Visualization Tips and Tricks

- Enabling Spotlight

- Creating Bookmarks

- Creating Custom Views

- Understanding Show Data, See Records, and Export Data

- Linking Visualizations and Drill Through

- Creating Labels with SelectedValue

- Creating Action Buttons

- Understanding Natural Language Queries

8: Customizing Your Power BI Solution

- Applying Custom Visuals

- Setting up Phone View

9: Publishing Your Power BI Solution

- Creating Dashboards vs. Reports vs. Live Dashboards