Course Length -- *1 Day*
Course Format ---*Instructor-Led*

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Power BI® Desktop
Data Visualization

Course Description

Target Student: This course is for users who already have a Data Model and want to start visualizing their data in Power BI Desktop!

Prerequisites: To ensure your success, we recommend you first take the following CompuTrain course or have equivalent knowledge: Microsoft® Excel®: Introduction. Alternately, basic PowerPoint skills and/or some database experience would be helpful.

Course Objectives

Upon successful completion of this course, students will be able to:
- View and Understand Data Models
- Navigate in Power BI Desktop
- Create Reports using Data Model Data
- Create Tables, Matrices and Charts
- Use Measures and KPIs in Power BI Visualizations
- Create Interactive Dashboards

Course Content

Lesson 1: Introducing Power BI Desktop
- Why Use Power BI Desktop
- Exploring the Data Model Interface

Lesson 2: Creating Standard Visualizations
- Creating Tables and Matrices
- Constructing Bar, Column, Pie and Donut Charts
- Building Line and Scatter Charts

Lesson 3: Creating Interactive Dashboards
- Enabling Drill Down
- Adding Slicers and Timelines
- Creating Page Filters
- Creating Report Filters

Lesson 4: Adding More Visualizations
- Adding KPIs
- Creating Map-Based Visualizations
- Understanding Tree Maps
- Understanding Ribbon Charts

Lesson 5: Adding Pictures and Elements
- Inserting Pictures
- Using Cards to Organize the Data

Lesson 6: Formatting Elements on a Chart
- Modifying the Look of an Element
- Aligning Elements on a Page

Lesson 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

Lesson 8: Customizing Your Power BI Solution
- Applying Custom Visuals
- Setting up Phone View

Lesson 9: Publishing Your Power BI Solution
- Creating Dashboards vs. Reports vs. Live Dashboards