Course duration

- 2 days

Course Benefits

- Analyze data with self-service BI.
- Connect to data sources.
- Perform data cleaning, profiling, and shaping.
- Visualize data with Power BI.
- Enhance data analysis by adding and customizing visual elements.
- Model data with calculations.
- Create interactive visualizations.

Available Delivery Methods

Public Class
Public expert-led online training from the convenience of your home, office or anywhere with an internet connection. Guaranteed to run .

Private Class
Private classes are delivered for groups at your offices or a location of your choice.

Course Outline

1. Analyzing Data with Self-Service BI
    1. Data Analysis and Visualization for Business Intelligence
    2. Self-Service BI with Microsoft Power BI
2. Connecting to Data Sources
    1. Create Data Connections
    2. Configure and Manage Data Relationships
    3. Save Files in Power BI
3. Performing Data Cleaning, Profiling, and Shaping
    1. Clean, Transform, and Load Data with the Query Editor
    2. Profile Data with the Query Editor
    3. Shape Data with the Query Editor
    4. Combine and Manage Data Rows
4. Visualizing Data with Power BI
    1. Create Visualizations in Power BI

      2. Chart Data in Power BI
5. Enhancing Data Analysis
      1. Customize Visuals and Pages
      2. Incorporate Tooltips
6. Modeling Data with Calculations
      1. Create Calculations with Data Analysis Expressions (DAX)
      2. Create Calculated Measures and Conditional Columns
7. Creating Interactive Visualizations
      1. Create and Manage Data Hierarchies
      2. TFilter and Slice Reports
      3. Create Dashboards

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience in the following *is required* for this Microsoft Business Intelligence class:

- Experience managing data using a spreadsheet tool such as Microsoft Excel.