



**Course:**

# **Microsoft Power BI**

---

**Duration:** 1 Day (9:00 – 16:00)

**Course Outline:**

- **Introducing Power BI**
  - BI and Database Concepts
  - What is Power BI
  - Power BI Key Features
  - Power BI Components
  - Power BI Service Interface
  - Power BI vs. Power Pivot vs. Pivot Table
- **Defining a Report**
  - What is a Power BI Report?
  - Defining a Report
  - Data-Driven Storytelling
- **Gathering Report Data**
  - Connecting to Data Sources
  - Using Excel as a data source for Power BI
  - The Power BI data model
  - Using databases as a data source for Power BI
- **Shape and Combine Data**
  - Query overview
  - Shaping data
  - Combining data
  - Relationship view
- **Understanding Data Models**
  - Understanding Tables
  - Understanding Relationships
  - Diagnosing Data Models
  - Data Model Schemas



- **Data Model Functions**
  - What is DAX?
  - Calculated Columns
  - Basic DAX Functions
- **Building Power BI Reports**
  - Interface Components
  - Creating Report Visuals
  - Visualization Properties
  - Visualizaton Features
  - Pages and Filters
  - Power BI Slicers
- **Sharing your Work**
  - Publish from Power BI Desktop
  - Dashboards in Power BI
  - Sharing your work