



Course:

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