

Microsoft Power BI Desktop and Microsoft Power Query

Course Details

Course Outline

1. Introduction to Power Query

- **Lab : Introduction to Power Query**
- Power Query Interface
- Understanding Data Types

2. Understanding The Ease That the Revolutionary Changes Afforded by Power Query Provide to the Excel Pro

3. Examining The Power Query Interface

4. Configuring Data Types

5. Working with CSV, TXT and Excel Worksheets

- Importing Data
- Transforming Data
- Loading Data
- Using Ranges in Excel
- Understanding and Handling Special Situations
- Appending Operations
- Working with Folders and Files
- Combining Worksheets
- Using PivotTables
- **Lab : Working with CSV, TXT and Excel Worksheets**
- Importing, Transforming, and Loading Data
- Utilizing Ranges
- Understanding and Handling Special Situations
- Appending Operations
- Working with Folders and Files
- Combining Worksheets
- Using PivotTables

6. Connecting Databases

- Working with Relational Data
- Importing from SQL Server Analysis Services Multidimensional and Tabular

- **Lab : Working with Databases**
- Importing From SSAS Multidimensional
- Importing From SSAS Tabular

7. Performing Merges

- Understanding the Issues
- Performing Merges
- **Lab : Performing Merges**

8. Loading your Data

- Loading into Excel
- Loading into Power Pivot
- Loading into Power BI Desktop
- **Lab : Loading Your Data**
- Importing, Transforming, and Loading Data into Excel and Power Pivot
- Introduction to Power BI Desktop
- Data Sources

9. Grouping and Summarizing with Power Query

- Grouping Options
- Summarizing
- **Lab : Grouping and Summarizing with Power Query**

10. Working with the Power Query Language “M”

- Understanding the “M” Interface
- Examining Power Query Formulas
- **Lab : Working with the Power Query Language “M”**