

# Power Query Level 1

## Extract, Transform and Load!

**Course Length: 8 Hours**

### Course Objectives

Upon successful completion of this course, students will be able to:

- Import files into a data model.
- Override Power Query defaults.
- Automatically append data to existing table.
- Import all files in a folder into the data model.
- Handle nondelimited text
- Connect to an SQL database
- Import data from the web

### Course Content

#### 1: Introducing Power Query

- Why Use Power Query/Get Data?
- Importing CSV files
- Exploring the Data Model Manager Interface

#### 2: Data Types

- Overriding Power Query Defaults
- Data Types

### 3: Combining Files

- Basic Append
- Importing All files in a folder
- Filtering Files
- Preserving File Properties

### 4: Unpivoting

- Unpivot Data
- Unpivot Other Columns

### 5: Combining all worksheets in a workbook

- Starting from a blank query
- Reusing Existing Connections to Update the Model

### 6: Nondelimited Text

- Trim and Clean Text
- Splitting Columns
- Combining Columns

### 7: Importing from Databases

- Connect to SQL database
- Selecting Data
- Combining Columns

### 8: Importing Web Data

- Importing Tables from the Internet
- Importing Raw Data
- Importing text files