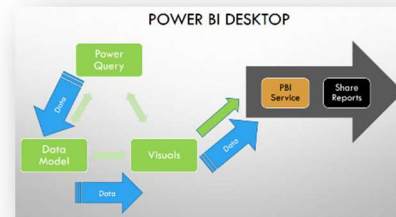# Power BI Intro (1 Day)

Course Details

Introduction: What Is Power BI?

- What is Power BI and when do I use it?
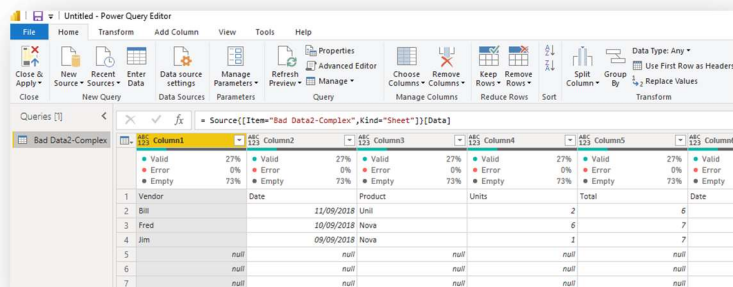- Power BI installation and versions.

Power Query

Obtaining Data

- Different data sources: Files, Databases and the Web.
- Repointing to Moved Data Source

Steps: The Basics

- Removing Columns/Rows
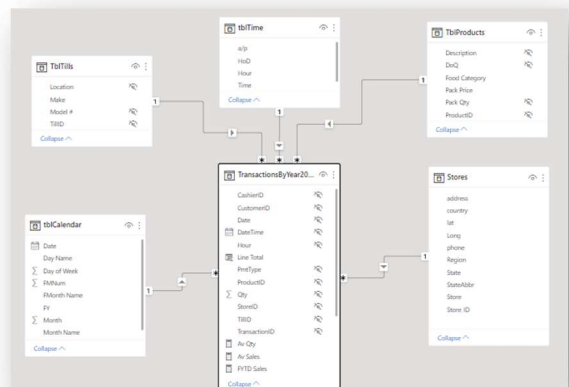- Data Type Changes
- Filters

Steps: Complex

- Group
- Split
- Duplicate
- Combine: Append and Merge
- Pivot/Unpivot
- Columns: Add Column, Custom Function, Conditional Column
- Index
- Extract

Data Modelling

Relationships

- Model View and Relationship management
- Join Kinds
- Hierarchies
- Working with Related Tables

DAX Formula & Measures

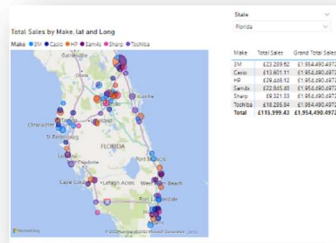- Formula
- Measures
- Quick Measure

Date Tables and Time Intelligence

- Date Table Rules
- Setting the Date Table
- External and Internal
- Automatic Date Table
- Time Intelligence Formulas and Measures

Visualisations

- Matrix
- Conditional Formatting
- Chart
- KPI (Key Performance Indicator)
- Spatial Intelligence

Visualisation Manipulation

- Filter: Basic and Advanced
- Top 10
- Slicer
- Drill Through

Publishing/Sharing Reports

- Publishing to the Web
- PDF