

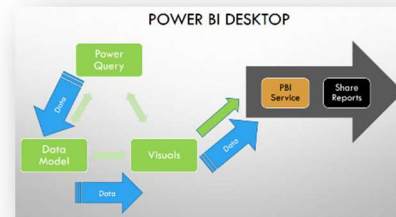


Power BI Intro (1 Day)

Course Details

Introduction: What Is Power BI?

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



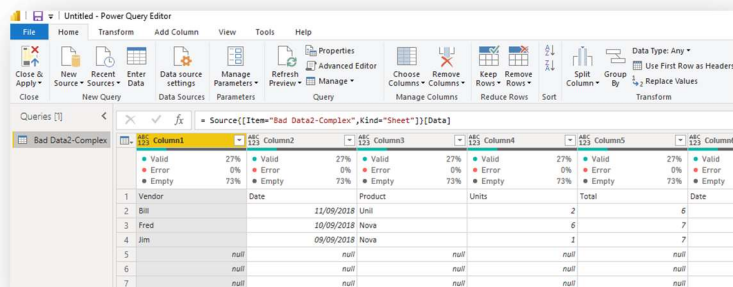
Power Query

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



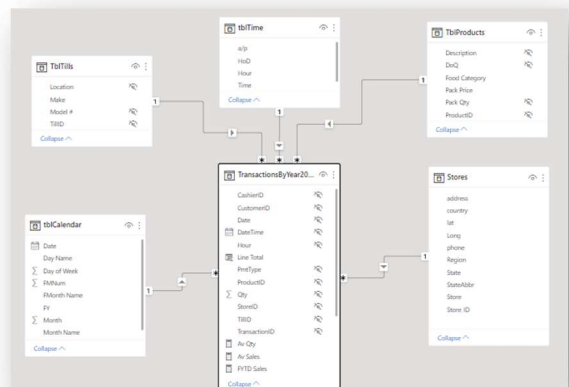
Steps: Complex

- 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

DateTime	FIMID	CashierID	ProductID	Qty	CustomerID	PostType	TransactionID	StoreID	Line Total
13/10/2015 12:14:00	85	377	13439	15	10023	4	100545	1650	£128.20
13/10/2015 12:14:00	85	377	15130	11	10023	4	100545	1650	£270.83

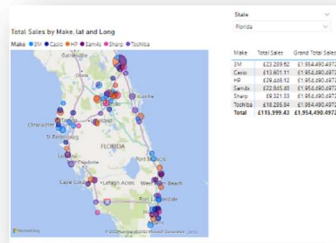
Date Tables and Time Intelligence

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

Date	Year	Month	Month Name	Day of Week	Day Name	FY	FIMNum	FMonth Name
01 January 2015	2015	1	Jan		3 Thu	FY2014-15	10	Jan
08 January 2015	2015	1	Jan		3 Thu	FY2014-15	10	Jan
15 January 2015	2015	1	Jan		3 Thu	FY2014-15	10	Jan
22 January 2015	2015	1	Jan		3 Thu	FY2014-15	10	Jan
29 January 2015	2015	1	Jan		3 Thu	FY2014-15	10	Jan
05 February 2015	2015	2	Feb		3 Thu	FY2014-15	11	Feb

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

Publishing to Power BI

✓ Success!

[Open 'StoresData.pbix' in Power BI](#)

[Get Quick Insights](#)

Did you know?

You can create a portrait view of your report, tailored for mobile phones. On the **View** tab, select **Mobile Layout**. [Learn more](#)

[Got it](#)

Make	Total Sales	Grand Total Sales
3M	£23,289.62	£1,954,490.4972
Casio	£13,601.11	£1,954,490.4972
HP	£29,446.12	£1,954,490.4972
Sam4s	£22,045.40	£1,954,490.4972
Sharp	£9,321.33	£1,954,490.4972
Toshiba	£18,295.84	£1,954,490.4972
Total	£115,999.43	£1,954,490.4972