

Microsoft Power BI

Level 2

Duration: 1 Day



PREREQUISITES

- You should have completed our Power BI Level 1 course or have a good working knowledge of Power BI.
- This course is a natural continuation from our Level 1 course. In Level 1, delegates concentrate on the use of visualisations to create interactive dashboards that are then shared with others – using datasets that are ready for analysis, having already been through the sanitisation & transformation process.

SUMMARY

- This 1-day course takes delegates through the process of transforming & sanitising data, making it ready for effective reporting.
- Delegates will also create measures & use more advanced functions for calculated columns.

LEARNING OUTCOMES

- Blend data from multiple sources into a single data stream for analysis.
- Transform & sanitise data from various sources & formats.
- Create measures & calculated columns using more advanced DAX functions.

COURSE CONTENT

Use the Query Editor

- Why Use the Query Editor?
- Query Editor Interface
- Query Settings Pane
- Understand & Edit Applied Steps
- Understand the Role of the M Programming Language

Sanitise Source Data Within Power BI

- Clean Irregular Data
- Clean Irregular Formatted Data
- Identify & Manage Data Errors

Transform Source Data to Produce Reportable Structure

- Remove Unwanted Rows/ Columns (Blanks, Duplicates, Matching Specified Criteria, etc)
- Convert Data Types
- Identify & Manage Data Errors that Arise as a Result of Converting Data Types
- Extract, Split & Merge Fields
- Unpivot Data

Measures

- Create New Measures
- Update Measures
- Show Values as %
- Incorporate CALCULATE

Data Modelling

- Create a New Table Within Power BI
- Update Table
- Include/ Exclude Tables from Report Refresh
- Enable Load

Using Data View

- Sort Data With Custom Sorts
- Use RELATIONSHIPS & Manage Missing Data

Create Calculated Columns Using DAX

- IF & Nested IF
- ISBLANK
- CALCULATE
- RELATED
- Time Intelligence Functions
- Optional:
 - NOT
 - AND
 - OR

Work With Visualisations

- Understand Drill-Through Options
- Arrange Visualisations
- Create a KPI
- Create a Decomposition Tree
- Conditional Formatting



Microsoft 365

Stay Connected | Utilise Your 365



mullanittrain
alisation

Visualise

Insigh



mullanit
rooms

NI Training Provider

ToMeeting

mullanvirtualtraining.co.uk

mullanittraining.co.uk

powerbi-trainingbelfast.co.uk