



# Microsoft Excel

## Advanced

### PREREQUISITES

A working knowledge of Excel or our Introduction to MS Excel course

### BENEFITS

- At the end of this course you will have an understanding of the higher functions of Excel.
- You will be able to perform advanced calculations and functions, manipulate data using pivot tables and 'advanced' analysis, record macros and integrate with other office applications.
- You will then be qualified to progress to our Excel VBA course.

### LINKING SPREADSHEETS

- Link Worksheets Within A Single File
- Link Worksheets to External Files

### ADVANCED FUNCTIONS

- IF Function:
  - Nested IF Statements
  - And & Or Functions
- LOOKUP Functions:
  - Horizontal
  - Vertical
  - Optional: IFERROR
- SUBTOTAL
  - Calculate Totals For Filtered Data

### PIVOTTABLES & PIVOTCHARTS

- Create PivotTables & PivotCharts
- Work With Row/ Column Fields
- Data Fields
- Customise Table Display
- Generate PivotChart from PivotTable

### MACROS

- Create Macros – Record & Review the VBA Code Generated
- Relative Referencing
- Make Available to All New Documents/ Current Document Only
- Optional: Add Macros to the Quick Access Toolbar

### CUSTOM VIEWS

- Create, Update & Delete
- Include Hidden Rows, Columns, Filter Settings

### 3D RANGES

- 3D Range References
- Create & Maintain Ranges:
  - Within Worksheets in a Single File
  - Between External Files

mullanittraining.co.uk  
Floors 1 & 5 | Blackstaff Studios |  
8–10 Amelia Street | Belfast BT2 7GS  
Tel: +44(0)28 9032 2228 info@mullantraining.com



## Our Virtual Classrooms

Interactive Learning | Hands-on Sessions | NI Training Provider



Microsoft 365

Stay Connected | Utilise Your 365



mullanittrain  
alisation

Visualise

Insigh



mullanit  
rooms

NI Training Provider

ToMeeting

[mullanvirtualtraining.co.uk](http://mullanvirtualtraining.co.uk)

[mullanittraining.co.uk](http://mullanittraining.co.uk)

[powerbi-trainingbelfast.co.uk](http://powerbi-trainingbelfast.co.uk)