

Microsoft Excel PowerPivot – Working With DAX Functions – Course Outline

Course Information

This course looks at the DAX functionality that powers PowerPivot and takes the user through examples to get the most from this Excel AddIn.

Pre-requisites

Users should have a good understanding of Excel and be in a position where they need to do more with their data.

What you will learn

- ✓ Understand the flexibility of PowerPivot DAX functions and how they provide a higher level of manipulation when working with PivotTables.

Course Content

Introduction to DAX Measures

- SUM
- COUNT, COUNTROWS
- DISTINCTCOUNT

- ENDOFMONTH, START OF YEAR etc
- CLOSINGBALANCEMONTH, CLOSINGBALANCEYEAR
- DATEADD, DATESBETWEEN

More Functions

- CALCULATE
- ALL
- ALLEXCEPT
- ALLSELECTED

Conditional Functions

- IF
- SWITCH
- BLANK, ISBLANK
- DIVIDE
- HASONEVALUE

Working with Multiple Data Sets

- Creating relationships
- Adding a Disconnected table
- FILTER

X Functions

- SUMX
- COUNTX, COUNTAX
- MAXX
- RANKX AND TOPN

Time Intelligence

- Standard v Custom Calendars
- DATESYTD
- DATESMTD
- DATESQTD
- TOTALYTD
- FIRSTDATE, LASTDATE

Custom Calendars

- Linking to a Period Calendar
- Writing bespoke Time Intelligence formulae

Course duration: one day