Grapevine Computing

Excel – PowerPivot – Understanding DAX functions

Duration: One day

Overview- This course looks at the powerful DAX functionality that powers PowerPivot and works the user through many different examples to get the most from this Excel AddIn.

Who Should Attend – Users should have a good understanding of Excel and be in a position where they need to do more with their data and realise that the standard calculation features within Pivot Tables do not give enough flexibility.

Content

Introduction to DAX Measures
➤ SUM
➤ COUNT, COUNTROWS
➤ DISTINCTCOUNT

More Functions
➤ CALCULATE
➤ ALL
➤ ALLEXCEPT
➤ ALLSELECTED

Working with Multiple Data Sets
➤ Creating relationships
➤ Adding a Disconnected table
➤ FILTER

Time Intelligence
➤ Standard Calendars v Custom Calendars
➤ DATESYTD
➤ DATESMTD
➤ DATESQTD
➤ TOTALYTD
➤ FIRSTDATE, LASTDATE
➤ ENDOFMONTH, START OF YEAR etc
➤ CLOSINGBALANCEMONTH, CLOSINGBALANCEYEAR
➤ DATEADD, DATESBETWEEN

Conditional Functions
➤ IF
➤ SWITCH
➤ BLANK, ISBLANK
➤ DIVIDE
➤ HASONEVALUE

X Functions
➤ SUMX
➤ COUNTX, COUNTAX
➤ MAXX
➤ RANKX AND TOPN

Custom Calendars
➤ Linking to a Period Calendar
➤ Writing bespoke Time Intelligence formulas
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Excel Course Progression