

Microsoft Excel Power Pivot Advanced

You already know the basics of Power Pivot and you want to know more about DAX formulas and all the other possibilities Power Pivot has to offer? During this course you will go through the basics of Power Pivot quickly. The instructor will also explain the most used DAX formulas. After this course you will have a summary of the categories.

Course duration

The duration of the course is six hours completed in one day.

Audience and prerequisites

This course is suitable for experienced Excel users. You can find the necessary prior knowledge in our Excel Power Pivot Basic course.

Summary

Going through the basics

- Install and activate Power Pivot in Excel
- Differences between Excel and Power pivot data model
- Import data
- Edit imported data
- Multiple tables
- Create Pivot tables
- Create calculated columns in Power Pivot
- Create explicit calculations
- Create a KPI
- Introduction DAX Functions

DAX Formulas

- SUM()
- COUNT()
- DISTINCTCOUNT()
- MIN()
- MAX()
- IF
- SUMX()
- COUNTX()
- CALCULATE()
- ALL()

Categories

- Date and time functions
- Filter functions
- Information functions
- Logical functions
- Mathematical and trigonometric functions
- Statistic functions
- Text functions
- Number formatting
- Time intelligence

Convert Pivot table to cube formula

- Converting a pivot table to a cube formula
- Using the cube formula

Relationships

- Understanding relationships
- Review existing relationships
- Create new relationships

Other functions

Date and time functions

- EDATE
- EOMONTH
- WEEKNUM
- DATESADD
- DATESVALUE
- ENDOFYEAR
- FIRSDATE
- FIRSTNONBLANK
- LASTDATE
- LASTNONBLANK
- NEXTDAY
- NEXTMONTH
- NEXTQUARTER
- NEXTYEAR
- PREVIOUSDAY
- PREVIOUSMONTH
- PREVIOUSQUARTER
- PREVIOUSYEAR
- STARTOFMONTH
- STARTOFQUARTER
- STARTOFYEAR
- ENDOFMONTH
- ENDOFQUARTER
- ENDOFYEAR
- YEARFRAC

Filter functions

- RELATED TABLE
- CROSSJOIN
- DISTINCT
- KEEPFILTERS
- LOOKUPVALUE
- USERELATIONSHIPS

Information functions

- ISNONTEXT
- ISNUMBER
- ISTEXT
- ISLOGICAL

Logical functions

- IFERROR
- AND
- OR
- SWITCH
- NOT
- FALSE

Mathematical and trigonometric

- SUMX
- ABS
- TRUNC

Statistic functions (DAX) tabel

- COUNT
- COUNTA
- COUNTX
- AVERAGE
- AVERAGEA
- AVERAGEX
- COUNTBLANK
- COUNTROWS
- DIVIDE
- MAX
- MAXX
- MAXA
- MIN
- MINA
- MINX

Text functions

- BLANK
- EXCACT
- FIXED
- FORMAT
- CONCATENATE
- CONCATENATEX
- LOWER
- UPPER

Time intelligence

- CLOSINGBALANCEMONTH
- CLOSINGBALANCEQUARTER
- CLOSINGBALANCEYEAR
- DATESBETWEEN
- DATESINPERIOD
- DATESMTD
- DATESQTD
- TOTALMTD
- TOTALQTD
- TOTALYTD
- OPENINGBALANCEMONTH
- OPENINGBALANCEQUARTER
- OPENINGBALANCEYEAR
- PARALLELPERIOD

Filter functions

- CALCULATE
- ALL
- ALLEXCEPT
- CALCULATETABLE
- HASONEVALUE
- ALLSELECTED
- VALUES