

Power BI Advanced: DAX (1 Day)

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Course description:

Have you been using Power Pivot in Excel or Power BI and become familiar with basic DAX functions? Are you interested in learning more about the power of DAX what comes to data modeling and reporting? This advanced DAX course continues the path that you have started with these magnificent BI tools and gives you more choices and tools to use in building your reports.

Oletko käyttänyt Excelin Power Pivotia tai Power BI:tä ja tutustunut DAX funktioihin? Kaipaatko lisätehoa DAX-kaavoihin? DAX-funktioilla mm. analysoidaan, siivotaan, suodatetaan ja lasketaan asioita Power BI- ja Power Pivot-tietomalleissa. Jos olet jo tutustunut DAX-funktioiden perusteisiin, mutta haluat niistä enemmän irti, niin tämä on juuri oikea kurssi sinulle!

Needed background:

Participant needs to know and understand basics of data modeling in Power BI or Power Pivot. Some earlier experience with basic DAX functions is also required.

Instructor:

Petteri Sjöholm

Course program

Row and filter context reviewed

How to use and bypass row and filter context (ALL, ALLSELECTED, ALLEXCEPT, KEEPFILTERS)

Logical and information functions

Logical functions (IF, IFERROR) Information functions (CONTAINS, HASONEVALUE, HASONEFILTER, ISBLANK jne.)

Filter functions

CALCULATE combines calculations and filters Fetching related values from another table (RELATED, RELATEDTABLE) Filtering single values (DISTINCT, VALUES) Parameter tables Finding similar values in other rows of the table (EARLIER)

Relationships

One-to-many Many-to-many, not supported, but can be solved Using multiple connections between same tables (USERRELATIONSHIP)

Time intelligence

Time dimension table Comparing values over time Cumulative calculations

Text functions

Cleaning text strings Finding and replacing values in text strings (FIND, SEARCH, LEFT, RIGHT, MID, REPLACE)

Ranking

Rank calculation (RANKX) Top values (TOPN)

Creating new dynamic tables with DAX

Creating new columns (ADDCOLUMNS) Summary tables (SUMMARIZE, SUMMARIZECOLUMNS, ROLLUP)

Examples

Actual vs. target ABC analysis