

Software Solutions

Microsoft Power BI

DAX Data Analysis Expressions – Level Four



This course is a must for all those wanting to learn how to create formulas using DAX in Power BI. This course will show you how to get create calculated columns and calculated measures in Power BI using the DAX (Data Analysis Expressions) language. The learner will be creating many calculated columns and measures using a variety of functions including 'X' aggregator, Date and Time, Filter, Informational, Logical, Text, Scalar, and Time Intelligence functions, detailed in the course content below.

The Power BI Level 1 and Level 2 courses are a prerequisite to this course.

Data analysts, managers, data scientists and anyone who is interested in calculating data insights quickly and easily with DAX will benefit from this course.

COURSE CONTENT

WHAT IS DAX? And WHY DAX?

WHAT IS DAX USED FOR?

<input type="checkbox"/> CALCULATED COLUMNS	<input type="checkbox"/> CALCULATED MEASURES
<input type="checkbox"/> DAX CALCULATION TYPES	<input type="checkbox"/> COLUMNS VERSUS MEASURES
<input type="checkbox"/> AMPERSAND AND OPERATOR	<input type="checkbox"/> CONCATENATE FUNCTION AND AMPERSAND
<input type="checkbox"/> COMBINEVALUES FUNCTION	<input type="checkbox"/> UPPER AND LOWER FUNCTIONS
<input type="checkbox"/> LEFT, MID AND FIND FUNCTIONS	<input type="checkbox"/> ROW CONTEXT CONCEPT
<input type="checkbox"/> IF FUNCTION - CONDITIONAL LOGIC	<input type="checkbox"/> FORMAT FUNCTION
<input type="checkbox"/> FIXED FUNCTION	<input type="checkbox"/> RELATED FUNCTION
<input type="checkbox"/> RELATED	<input type="checkbox"/> RELATEDTABLE
<input type="checkbox"/> REQUIREMENTS	<input type="checkbox"/> COUNTROWS FUNCTION
<input type="checkbox"/> RELATEDTABLE FUNCTION	<input type="checkbox"/> RENAME TABLES
<input type="checkbox"/> SWITCH FUNCTION	<input type="checkbox"/> AGGREGATOR OR 'X' ITERATOR FUNCTIONS
<input type="checkbox"/> MAX FUNCTION	<input type="checkbox"/> MAXX FUNCTION
<input type="checkbox"/> SUMX FUNCTION	<input type="checkbox"/> COUNTX FUNCTION
<input type="checkbox"/> DATEDIFF, IF, TODAY AND FORMAT FUNCTIONS	<input type="checkbox"/> CREATE A COLUMNS FOLDER

CALCULATED MEASURES

<input type="checkbox"/> SUM FUNCTION	<input type="checkbox"/> REUSE EXISTING MEASURES
<input type="checkbox"/> MOVING MEASURES	<input type="checkbox"/> DIVIDE FUNCTION
<input type="checkbox"/> FILTER CONTEXT	<input type="checkbox"/> CALENDARAUTO FUNCTION
<input type="checkbox"/> CALENDAR FUNCTION	<input type="checkbox"/> DAY FUNCTION
<input type="checkbox"/> EDATE FUNCTION	<input type="checkbox"/> EOMONTH FUNCTION
<input type="checkbox"/> ENDOFMONTH FUNCTION	<input type="checkbox"/> MONTH FUNCTION
<input type="checkbox"/> CALCULATE FUNCTION	<input type="checkbox"/> SYNTAX
<input type="checkbox"/> ALL FUNCTION	<input type="checkbox"/> CALCULATE & ALL FUNCTIONS
<input type="checkbox"/> IF, ISBLANK, CALCULATE & ALL FUNCTIONS COMBINED	<input type="checkbox"/> REMOVEFILTERS FUNCTION
<input type="checkbox"/> RATIOS AND PERCENTAGES	<input type="checkbox"/> SHOW VALUES AS OR MEASURES
<input type="checkbox"/> OR PIPE	<input type="checkbox"/> OR FUNCTION
<input type="checkbox"/> IN FUNCTION	<input type="checkbox"/> MORE THAN ONE FILTER IN A CALCULATE EXPRESSION

TIME INTELLIGENCE IN DAX

<input type="checkbox"/> COMPARING DATA OVER TIME	<input type="checkbox"/> REQUIREMENTS
<input type="checkbox"/> TOTALYTD FUNCTION	<input type="checkbox"/> DRILL DOWN AND DRILL UP
<input type="checkbox"/> FISCAL YTD	<input type="checkbox"/> TOTALYTD FUNCTION FILTER PARAMETER
<input type="checkbox"/> SAMEPERIODLASTYEAR FUNCTION	<input type="checkbox"/>

SEMI-ADDITIVE MEASURES

<input type="checkbox"/> LASTDATE FUNCTION	<input type="checkbox"/> LASTNONBLANK FUNCTION
<input type="checkbox"/> FIRSTDATE FUNCTION	<input type="checkbox"/> FIRSTNONBLANK FUNCTION
<input type="checkbox"/> OPENINGBALANCEMONTH FUNCTION	<input type="checkbox"/> PARALLELPERIOD FUNCTION