

Learning DAX with PowerBI

Duration: 1 Day **Course Code: M-DAX** **Delivery Method: Virtual Learning**

Overview:

Every Power BI user who needs to add analytical power to a Power BI model not available in the data as-is requires DAX skills. DAX is not a language that can be learned by just starting in practice and building from there; theoretical knowledge is a requirement! That is why this 1 day training is offered. Questions like “when do I use a calculated column, when do I use a measure?”, “how does row- and filter context work exactly?”, “How do I create a table in DAX”, and much more. All parts of the DAX language that are required to be able to write DAX will be covered, including sufficient exercises in order to obtain hands-on experience.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

Everyone who performs data analysis, including: Risk Managers, Financials, Analysts, Controllers, HR-Advisors, Customer Journey Experts, etc

Objectives:

- Learn to:
- Decide when to use a measure and when to use a calculated column
- Aggregate a column in a measure
- Aggregate an expression in a measure
- Use the different groups of functions within DAX
- Create relationships between tables
- Filter a table by another table
- Use normal -and bidirectional filtering
- Apply table functions
- Understand the difference between row- and filter context
- Ignore filter context using ALL
- Use variables in order to make DAX code easier to read
- Use variables in order to use the correct evaluation context
- Use CALCULATE in order to manipulate the filter context
- Use CALCULATE in order to trigger evaluation context transition
- Use Semi-Additive measures to adjust the summative filter context
- Use Time Intelligence functions
- Set up and Use Row-Level-Security to ensure the highest level of security on your data

Prerequisites:

Basic knowledge of Power BI. The M-DA100 would fulfill the basic requirements. Some previous DAX experience is nice-to-have but not a requirement.

- M-POWERBF - Power Bi Fundamentals

Testing and Certification

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Content:

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| <ul style="list-style-type: none">■ Decide when to use a measure and when to use a calculated column■ Aggregate a column in a measure■ Aggregate an expression in a measure■ Use the different groups of functions within DAX■ Create relationships between tables■ Filter a table by another table | <ul style="list-style-type: none">■ Use normal -and bidirectional filtering■ Apply table functions■ Understand the difference between row- and filter context■ Ignore filter context using ALL■ Use variables in order to make DAX code easier to read■ Use variables in order to use the correct evaluation context | <ul style="list-style-type: none">■ Use CALCULATE in order to manipulate the filter context■ Use CALCULATE in order to trigger evaluation context transition■ Use Semi-Additive measures to adjust the summative filter context■ Use Time Intelligence functions■ Set up and Use Row-Level-Security to ensure the highest level of security on your data |
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Further Information:

For More information, or to book your course, please call us on 0800/84.009

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