

Microsoft 365 Power BI DAX

Duration: 1 Day **Course Code: M365PBIDX** **Delivery Method: Virtual Learning**

Overview:

Data Analysis Expressions (DAX) are a library of functions and operators that can be combined to build formulas and expressions in Power BI. In this intermediate level course, participants will explore how to use DAX to analyse their data. We will explore how to analyse trends over time, create moving averages and moving totals, as well as the art of static grouping to organise and analyse data on predefined categories. On completion of their training, participants should be ready to start harnessing the capabilities of DAX for better insights.

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:

This course is designed for intermediate to advanced Power BI users who are looking to use DAX to create new information from their existing data.

Objectives:

- By actively participating in this course, you will learn how to:
- - Calculate and visualise percentages relative to the total.
- - Smooth data fluctuations, identify trends, and make informed decisions by calculating moving averages.
- - Proficiently track cumulative data progression over time.
- - Unlock the potential of time-based analysis with dedicated time intelligence functions.
- - Use static grouping based on predefined criteria to segment and interpret information.
- - Use parameter tables to introduce flexibility and dynamic behaviour into your Power BI models.

Prerequisites:

As this is an intermediate course, participants should have a fundamental understanding of Power BI, including

the ability to navigate the Power BI interface, load data, and create basic visualisations. A basic understanding of

data modelling concepts, including relationships between tables is also required.

If you are new to Power BI, we recommend first attending our Power BI Fundamentals training course to gain

the required skills.

Participants should also be familiar with the basics of Data Analysis Expressions (DAX), as the course will delve

into advanced DAX functions for calculations and analysis.

Software Requirements for Virtual Classroom

If you are attending our Virtual Classroom training, you will need a laptop or PC with a working microphone and

two screens. A webcam is also recommended for the best experience! You will also need to have both Power BI

Desktop and Power BI Service (part of Microsoft 365 Apps), available on your device.

Power BI Service is what Microsoft call the version of Power BI found in their M365 subscription list of apps. It

won't be there as a default and is something your Microsoft 365 administrator would have to enable. It is free of

charge and literally just a tick box. They will need access to this as this is where reports are published to and the

only place where Dashboards can be created. Plus, all of the sharing and collaboration options are to be found

here.

We strongly recommend that delegates also check that their PC meets the Minimum Requirements as outlined

on the [Microsoft Website](#) and ensure that they are running the latest version of the software so that they can

successfully access all student files.

This course is not suitable for MAC users.

Content:

- Percent of Total

- Cumulative Totals

- Static Grouping

- Moving Averages

- Time Intelligence

- Parameter Tables

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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