



# Power BI DAX Basics (1 day)

## Target group

This training is most useful if you are just starting to work with Power BI Desktop and want to learn how to use DAX calculations. The aim of the practical training is to teach you the DAX language through Power BI exercises. The training can be delivered as individual or small group training (recommended group size 2 to 5 people).

## Duration of training

1 day

## Prerequisites

The course is intended for those who are just starting to use Power BI.

## Content of the training material

The training material includes presentation material and a Power BI workbook. The presentation material reviews the main theories and concepts related to the DAX language. The Power BI workbook contains the practical exercises to be used in the training with data sources and model solutions.

## Content of the training day

- **Module 1: Introduction**
  - Why is DAX important?
  - Syntax
  - Measures vs. calculated columns
  - Line context
  - Filter context
- **Module 2: Exercises**
  - Creating a calendar table
  - Aggregating functions
  - Iterating functions
  - Logical functions
  - Time series calculation
- **Module 3: Good practices and summary**
  - Using variables in DAX
  - Code formatting and commenting
  - Naming conventions for measures
  - Parsing measures

## » After the training you will

- *understand the basic concepts of DAX*
- *know how to write simple DAX phrases*
- *understand the differences between measures and calculated columns*
- *know how to write clean code using variables*
- *know how to avoid the common pitfalls of visual DAX*

## Delivery of training

Training arrangements are agreed separately for each training. Training can be provided on Knowit's premises, at the customer's premises or remotely. Maximum 5 people per group.