

Power BI Fundamentals (English)

Kosten:	€ 995,- excl. BTW per deelnemer
Duur:	2 dagen
Max Deelnemers:	10

Power BI Fundamentals (English) training

After following this Power BI Fundamentals course you can, among other things, make advanced analyzes, interactive reports and data models. You get direct access to all important data from local and cloud-based sources such as Excel, SharePoint, Dynamics 365 and hundreds of other programs. Do you want to share this data directly with your colleagues? Then we help you get to know the many possibilities of Power BI Desktop, so that you can do everything simpler and faster. In this course you will also learn how to set up a Power BI model with Dim and Fact tables.

You will be guided through recognizable examples through the first basic formulas of the DAX formula language. DAX is a formula language with which you can perform all kinds of calculations with your data in Microsoft Power BI. The language is comparable, sometimes even identical, to Excel formulas. But with DAX even more is possible and the usage is a bit more complex. You use the Power Query and Power Pivot functions to collect, clean and enrich business data via standard tools and the start of DAX. After you have designed a BI (Business Intelligence) model, you can start analysis and reporting via the Pivot Table function. Finally, you learn how you can publish your reports to PowerBI.com and how you can share them with your colleagues.

What are the benefits for you?

During the 2-day Power BI Course (Fundamentals) in English, you will receive, in addition to many exercises, various practical examples to work with. As a result, after the courses you know how to make effective, efficient analyzes, interactive reports and dashboards instantly. This allows you to apply multiple components of Power BI after following this course. For example: Advanced Analytics, Interactive reports, Data models, Dashboards, Set up a Power BI model with Dim and Fact tables, Basic formulas of DAX

Job role:

For Employees of HR, Sales, Logistics, Finance, ICT Analysts, Controllers, Accountants, Financial Specialists, BI specialists and other experienced Excel users who want to build BI dashboards, Users who want to know more about Microsoft Power BI Desktop, Users who have to combine and consult various data collections, Users who want to visualize data outside of Excel, Users who have to share data visualization and overviews online, Users who want to learn how to edit larger data collections.

Skills gained

- Power BI Desktop & Online introduction
- Retrieving data from various data sources
- Linking various sources and creating Relationships

- Modeling data and date tables
- Visualization of data in Power BI Desktop:
 - various shapes
 - Power BI Online

Prerequisites

To be able to follow this Power BI course, knowledge at Excel Advanced level and knowledge of pivot tables is required.

Language

The standard language during the course is English. An In-company tailor-made training can also be given in other languages. This basic training is also given in Dutch, see Power BI Basic course in Dutch.

Courseware

SignOn always provides all participants with the comprehensive current Power BI course material. As a result, you also have a handy reference work after the training.

Certificate

After the training you will receive a certificate.

Follow-up course

Do you want to follow a follow-up course after this Power BI Fundamentals training? Then the training Power BI Advanced (in English) is highly recommended.

Exclusive aftercare

If you have questions after the Power BI Fundamentals training? Please contact your trainer at support@signon.nl. You will receive an answer almost immediately with extra explanation; by phone or e-mail. This aftercare service is exclusively for participants of our training courses.

Course outline

The following topics are covered during the 2-days training Power BI Fundamentals:

Power BI desktop introduction

- What are dashboards, reports and data sets
- Demo several examples: on laptop, website, iPad.
- Installing the Desktop tool
- Create an Account on PowerBI.com• First encounter with PowerBI desktop
- Using reports, filters etc.
- 5 minutes to wow: Create a report within 5 minutes

Retrieving data from different data sources

- Importing from various sources: CSV, TXT, Access, Excel, SAP, SQL, ORACLE,

Microsoft Dynamics, etc.

- Merging several source files
- Import and merge files from folders
- Restructuring of data, splitting columns
- Unpivoting of excel tables to make them useable
- Retrieving data from Websites
- Basic knowledge of M language within Power BI desktop

Linking various sources and creating Relationships

- Linking to relational models in Excel, Access, Databases
- Creating links between CSV and Excel files
- Difference between Dim and fact tables

Modeling data and date tables

- Restructuring of columns
- Customize field types
- Create hierarchies
- Preparation for calculations
- Setting up a date table using Dax, with hierarchies
- Setting up multiple calculated measures for the OLAP cube, beginning of DAX. With functions like Sum, Count, DistinctCount, Related, Calculate
- Understanding the difference between calculated columns and measures:
- Understanding the difference between implicit and explicit measurements

Visualization of data in Power BI Desktop: various ways

- Visuals by using tables, matrices, shapes, charts, map shapes
- Building reports with slicers, filters
- Creating 3D slicers
- Use internal date hierarchies for matrices and graphs
- Formatting of reports, tables
- Filters on page or report level
- Conditional formatting
- Importing additional Visual Aids
 - TreeMap charts, Slicers, Funnels, Gauges s, KPI meters, Time Slicers

Power BI On line

- Working directly in Power BI Online
- Linking data from OneDrive
- Analysis of restrictions in Online environment
- Instantly publish from PowerBI desktop
- Dashboards (switchboards) vs. Reports
- Linking pages and cards to dashboards
- Using Q & A within Power BI desktop
- Extra possibilities with tiles
- Customizing Visual interactions within reports
- Searching of reporting information on website

Cost of the course Power BI Fundamentals

Cost per participant € 995,- excl. BTW
Max. participants: 10

The training costs € 995,- per participant. This includes all current teaching materials, a reference work (pdf) and the official SignOn certificate. Moreover, course participants who have followed a training course with us can make use of our exclusive aftercare service. So, there are no additional costs afterwards. The price of the training does not include 21% VAT. The VAT number is stated on the invoice.

In-company group rate

If you register with a group of five or more people for a Power BI course at the company location (in-company), we can offer an attractive group rate. For information about our group rates, please contact us and request a quote via this link or call 020 – 820 83 62.

Good to know

Tax-deductible

The government stimulates knowledge and skills in the Netherlands. That is why SignOn's courses are (partially) tax-deductible. How much you can deduct depends on your situation. Do you want to know more? Check the website of the Tax Authorities.

Employers

As an employer you can deduct the full training costs for employees as operating costs. This applies to the training itself, but also to other costs such as books, registration fees, administrative costs, the certificate or extra supervision. At SignOn all these costs are already included in the price.

Individuals

If you take a course on your own account, it is often deductible for income tax. In this way, continuing to study is affordable. The education or course must be relevant to your current or future work. If you spend more than € 250 on compulsory costs for a relevant course or course, you may deduct a maximum of € 15,000. Check the website of the **Tax Authorities**.

Do you have questions or want additional information?

Or do you want to know if this training suits you? Feel free to contact us via **info@signon.nl** or call **020 – 820 83 62**.

Lesmethodes

Kies de lesmethode die het beste bij jou past. Deze training kun je op de volgende manieren volgen:

- **Virtual classroom**

Attend a the virtual classroom course from any location (workplace or home). You learn from a live instructor and are in contact with other participants. The instructor has the possibility to look at your screen (if necessary) to answer all your questions. This training will take place via Microsoft Teams (free of use).

- **Classroom live**

A face-to-face training on a location in the Netherlands. Employees from different companies are present

during this classroom training. Fully catered for, including an extensive lunch.

- **In-company course**

Our in-company training is tailored to your company. The specialized trainer only deals with what is important for your company and work situation. That makes our tailor-made training very effective. We provide these training courses in Dutch, English and German. The choice for an in-company training provides an attractive discount. Depending on the number of participants, the discount can be as much as 50% compared to participation in an open training. More information or request a quote.



Microsoft Partner – Silver Data Analytics

SignOn has the statusstatus Microsoft Partner – Silver Data Analytics and thus demonstrates that the knowledge, skills and performance are of a high level. We show that we are fully aware of the latest techniques in Microsoft Power BI and Big Data.



Microsoft Certified Trainers

Our Microsoft Certified Trainers (MCT) are experts in their field and are certified according to Microsoft's terms and conditions. In addition to providing training, they also work in projects and know daily practice like no other. As a result, they know what students have to deal with and encounter daily. They use their practical experience to enrich the theory in the classroom.



Microsoft Office Specialist Expert

Our Microsoft Office Specialist: Expert are experts in their field and certified according to Microsoft's conditions. In addition to providing training, they also work in projects and know the day-to-day practice like no other. As a result, they know what students have to deal with on a daily basis and what they can run into. They use their practical experience to enrich the theory in the classroom.



Cedeo Recognition: What Does It Mean for You?

Cedeo is a household name when it comes to education. There are approximately 300 Cedeo-recognized institutes in the Netherlands. By choosing a Cedeo-approved supplier, you can therefore be sure that you are choosing one of the better education institutes.



SignOn and the UWV

SignOn ICT Training is a recognized training partner of the UWV. SignOn ICT Training+ is one of the few ICT educational organizations recognized by the UWV to provide training to help people return to the labor process.

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