Power BI: The modern business intelligence tool (Präsenz)

Introduction to data analysis, evaluation and visualization with Power BI

Power BI Desktop and Power BI (Web) Service enable you to complete controlling tasks more efficiently and quickly. For example, you can automatically import and clean data from Excel, CSV files, SQL databases, etc. in order to evaluate it in the desired form. Power BI's visuals allow you to present data in meaningful reports, even with external charts. The reports can be easily made available to employees in the company and other organizations in the Power BI (Web) Service.

Content

The basics of the Business Intelligence (BI) tool "Power BI"

- Introduction to the individual components of Power BI: The ETL process Power Query, the data model with DAX, visuals and sharing reports via the Power BI Web Service.
- The differences, advantages, and disadvantages of Power BI solutions and Excel solutions.
- Introduction to the basic principles of Power BI using Excel: formatting data as a table and evaluating it with pivot tables including data slices.
- BI terminology such as dimensions, facts, measures, etc. explained in an understandable way.

Direct implementation on your own laptop!

The ETL process within Power BI: extracting and transforming data from different sources

- Importing data from external sources such as Excel and CSV files, web data, etc..
- The query editor and its advantages.
- Importing more than 1 million records.
- Appending data from multiple tables.

Data visualization with Power BI using practical examples

- Visualization of, for example, time series with line and bar charts.
- The "Card" visual for visualizing individual numbers.
- The "Matrix" visual with its various settings.
- Interacting with data (data slice, filter, and cross filter).
- From the big picture to the details using drill-through hierarchies.
- Integration of external visuals.

Significance of the data model

- The necessity and usefulness of the star schema.
- Combine tables into a data model.

Share reports in the Power BI (Web) Service

- Setting up workspaces.
- Differences between sharing directly and sharing via an app.

Please bring your own laptop to the seminar. You can find more detailed installation instructions under Methods.

Online Learning Platform

Once you have registered, you will be able to access your online learning platform, including extra materials for consolidating what you have learned.

Your benefits

- You will learn the most important terms and use cases for Power BI Desktop and be able to apply this knowledge in your company.
- You will learn how to use Power BI to create data models and hierarchies and generate dynamic reports.
- You will learn the most important transformation steps of the ETL process within Power BI and how to apply them using an example.
- You will learn the basics of using Power BI.

Methods

Presentation, practical examples, and independent exercises on the PC, sample solutions, tips, and tricks.

Due to the workshop nature of the seminar, questions, tasks, and your own proposed solutions are very welcome, and practical relevance is guaranteed.

You will need your own laptop to participate.

Please note the following installation instructions:

Microsoft Excel (Office 365 is recommended) with integrated Power BI (the free version is sufficient).

Who should attend

Controllers and users from other areas who want to import, prepare, analyze, and visualize large amounts of data from different sources.

A good basic knowledge of MS Excel is required for the seminar. The seminar is not suitable for Excel beginners. No prior knowledge of Power BI is necessary.

Open Badges - Show what you can do digitally too.

Open Badges are recognised, digital certificates of participation. These verifiable credentials are the current standard for integration in career networks such as LinkedIn.

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https://www.haufe-akademie.de/seminare-lehrgaenge/trending-topics/open-badges



Instructor



Denis Selimovic
Ich helfe Unternehmen und Mitarbeitern mit Power BI. Ich bin begeisterter Power BI-Nutzer, Trainer, Power BI Super User, Co-Organisator der Fabric User Group Switzerland und Microsoft MVP.

Ich arbeite als Principal Consultant im Bereich Business Intelligence in der Schweiz. In meinem Blog WhatTheFact.bi schreibe ich über alles rund um Power BI.

Your advantages at a glance

Open Badges
Add your digital badge to career networks and show what you can do.

Fully covered
For on-site events includes:
- a shared lunch on each full seminar day
- refreshments during breaks

All learning materials at a glance
In your app or online learning environment you will find all relevant information, services and working materials for your qualification after registration.

Training details

Training in English | Präsenz

2 days

Dates

22.-23.02.2027
Frankfurt a. M.
Venue
relexa hotel Frankfurt/Main

Days & Times
Monday, 22.02.2027
9:00 am - 5:00 pm
Tuesday, 23.02.2027
8:00 am - 4:00 pm

Current dates and further information can be found at www.haufe-akademie.de/42447

Participation fee

€ 1.540,- excl. VAT
€ 1.832,60 incl. VAT
The participation fee includes
- a joint lunch per full seminar day,
- refreshments during breaks, and
- comprehensive working materials.

Accommodation costs at the hotel are to be settled directly by the participants with the hotel. You will find a reservation form for hotel booking in your learning environment.

Your registration options

Online: www.haufe-akademie.de/42447
E-mail: anmelden@haufe-akademie.de

Book your training course quickly and easily online. Please be sure to enter the name of the participant and the full billing address with telephone number and e-mail address.

In our Questions & Answers (FAQ) section you will find all the answers to the most frequently asked questions about our training courses:
https://www.haufe-akademie.de/faqs

You can also find our detailed conditions of participation on the Internet under www.haufe-akademie.de/agb or in the overall program.
You can find the complete data protection regulations at www.haufe-akademie.de/datenschutz.

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Training in English | Online

2 days

Start dates

10.-11.06.2027
Live-Online
Course
zoom

Module times
Thursday, 10.06.2027
9:00 am - 5:00 pm
Friday, 11.06.2027
9:00 am - 5:00 pm

Current dates and further information can be found at www.haufe-akademie.de/42448

Participation fee

€ 1.540,- excl. VAT
€ 1.832,60 incl. VAT

Your registration options

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E-mail: anmelden@haufe-akademie.de

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You can find the complete data protection regulations at www.haufe-akademie.de/datenschutz.

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