Advanced Power BI Training
by scieneers

Microsoft Power BI has risen to become the market leader in business intelligence software over the last few years, and not without good reason. Once started as a Powerpivot in Excel, the range of functions has been steadily expanded to the Power BI Premium Edition, which also leaves little to be desired in terms of Corporate BI. Microsoft wants to democratize access to data for all user groups and make Power BI a PowerPoint for data.

We want to help our customers fully realize the potential of their enterprise data with Power BI! View a sample how this could look like here.

The trainings could be given in German or English language, all materials are in English.

What customers say:

SHARP Amr Ashour
SHARP BUSINESS SYSTEMS DEUTSCHLAND GMBH

"The scieneers Power BI Advanced training was well organized and objective, including interactive discussions in which any questions have been adressed by the trainers in a very professional way. I would 100% do it again!"

KENDRION Emilia Barberio
Business Intelligence Project Manager bei Kendrion GmbH

"In dem scieneers Power BI Training sind unsere Kollegen sehr gut mitgekommen und konnten viel Neues mitnehmen. Es war ein voller Erfolg!"

8 good reasons for choosing the Power BI-Training by scieneers

Hands-on experience

Practical experience from projects flows into the design and instruction of the training.

No prior knowledge required

Gradation according to different skill levels picks up everyone optimally.

Targeted learning

Modular structure to expand knowledge in a targeted manner.

Fast and flexible

Flexibility in appointments and well-tuned length of units

Practice-oriented

Hands-on exercises help with the active transfer of knowledge.

Gold Partner expertise

Power BI Solution Partner and Microsoft Gold Partner in the 3 competencies Data Analytics, Data Platform and Cloud Platform.

Certified experts

Our Microsoft certified trainers have been working for years with Power BI in the project business on a daily basis.

Your data problem?

Is also solved! We support you beyond a training course.

Your trainers

Milo Sikora
BI Consultant

Microsoft Certified Data Analyst Associate for Power BI und Microsoft Certified Trainer (MCT). Milo's main technologies in project business are Power BI and the Azure Data Platform.

Daniela Wecker
Senior BI Consultant

7+ years professional experience in Power BI, SQL Server BI and Azure Data Services as well as Qlik products. Microsoft Certified Data Analyst Associate for Power BI and SQL Server BI.

Sascha Götz
Senior Data Engineer

13+ years professional experience in Power BI, SQL Server BI and Azure Data Services. Microsoft Certified Trainer (MCT) und Microsoft Certified Data Analyst Associate for Power BI and Microsoft Certified Systems Expert (MCSE) for SQL Server BI.

Advanced Training Power BI

The advanced Power BI training is modular. One module takes about 2 hours. Since the individual modules are not build on each other in terms of content, you can combine them freely and tailor the training exactly to your needs. In this way, your know-how is expanded in a targeted manner!

Power BI Dataflows
- Differences between Dataflows and Power Query in PBI Desktop
- Transformation of data in the cloud with Power Query (M)

Power BI Administration & Gateway
- Differences between Power BI versions
- Licensing
- Administration & Settings Power BI Service
- Workspaces & Permissions
- Setting up gateways to access local source systems from the cloud
- Setup of different data sources (file servers, databases…)

Advanced Data Modeling and Data Shaping
- Live Connect, Import, Direct Query – what is the ideal way to access which data?
- Column-oriented in-memory database, data compression – how does it work under the hood and how can you optimize the performance of your own model?
- BI data modeling in comparison according to Star, Snowflake, Galaxy schemas in the context of Power BI.
- Hands-on modeling examples in Power BI

Data Analytics Expressions – DAX
- Row and filter context
- Scalar and table functions
- Differences between calculated columns and measures
- Use of parameters
- Calculate function
- Iterator functions: countx,sumx, etc.
- Calculated tables with DAX
- Time Intelligence functions

Application Lifecycle Management for Power BI
- Code Versioning
- Structured deployment of artifacts

- DevOps Tooling basics

Data Science & AI in Power BI
- Extensions with Python and R like special plots with many pixels
- Integrated usage of AI services like text analysis and vision (premium features)

Power BI Embedded / Premium
- Use of Power BI content in your own portal
- Integration with Office 365
- Power BI deployment pipelines
- Authentication (token generation) independent of Azure AD

Prerequisites:
- One laptop per participant with Power BI Desktop installed would be optimal.
- If this is not possible, we will also be happy to provide a dial-in option via Remote Desktop with installed setup after prior consultation. Access is then via Remote Desktop. There is a small setup fee.
- Training can be held in German or English language. All documents are in English.

scieneers Website
Feel free to use the offering on our website to request your custom Power BI Advanced training on https://www.scieneers.de/en/power-bi-training-en/

Contact
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