

Beyond Excel II.

Course code: MSEXNL2

Family of PowerBI (self-service BI) tools is rapidly expanding (PowerMap, PowerBI Desktop, DAXStudio, BI included Office 365, ...). Each of the tools is a deep set of functionalities. As a response to feedback from participants in our training Beyond Excel I. we have created a follow-up training, which focuses on new tools and instruments, as well as on known addins (PowerPivot and PowerQuery), but in much deeper scope of view. VISIT OF PREVIOUS COURSE - MSEXNL - BEYOND EXCEL I. IS STRONGLY RECOMMENDED.

Affiliate	Duration	Course price	ITB
Praha	2	8 000 Kč	0
Brno	2	8 000 Kč	0
Bratislava	2	340 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
28.10.2024	2	340 €	Presence	CZ/SK	GOPAS Bratislava prezenčne
11.11.2024	2	340 €	Presence	EN	GOPAS Bratislava prezenčne
18.11.2024	2	8 000 Kč	Presence	CZ/SK	GOPAS Praha
02.12.2024	2	8 000 Kč	Presence	CZ/SK	GOPAS Brno
02.12.2024	2	340 €	Online	CZ/SK	GOPAS Bratislava online
20.02.2025	2	8 000 Kč	Presence	CZ/SK	GOPAS Praha
24.03.2025	2	8 000 Kč	Presence	CZ/SK	GOPAS Brno
05.05.2025	2	8 000 Kč	Presence	CZ/SK	GOPAS Praha
19.06.2025	2	8 000 Kč	Presence	CZ/SK	GOPAS Brno

The prices are without VAT.

Who is the course for

The course is intended for all users who are already familiar with main Power BI (self-service BI) tools - PowerQuery and PowerPivot and want to know, what are the possibilities of the visualization of PowerBI data analysis. And they also want to learn the specifics of solution based on SQL Server & Analysis services - data cubes and data mining algorithms.

Required skills

Knowledge of PowerQuery and PowerPivot addins in the scope of MSEXNL - Beyond Excel I.

Course outline

Advanced functionalities of PowerQuery

- Parametrized queries
- Parametrized functions

Advanced functionalities of PowerPivot

- Advanced date & time functions

SQL Server as data provider

- OLAP cubes
- Concepts

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Beyond Excel II.

- OLAP cube creation
- Additional Actions
- Writeback from Excel to cube

Information visualisation

- PowerView
- PowerMap
- Custom PowerMap

Power BI Desktop application

- Comparison to PowerPivot
- DAX table functions
- Standard visualisation tools
- Custom Visuals
- Access to another data model

DaxStudio

- Advantages over functions coding in PowerPivot

Office 365, Power BI section

- Data model querying in natural language
- Power BI Tiles

Datamining in Excel

- What is datamining
- Basic principles of datamining
- Different algorithms & their applications

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