

Online live course & mentoring program: **BUSINESS ANALYSIS & DATA EXPLORATION** using PowerBI and Power Query

SUMMARY

<i>Duration:</i>	<i>3 weeks</i>
<i>Level:</i>	<i>300*</i>
<i>Delivery method:</i>	<i>Live online sessions (Monday and Wednesday – 16:00-18:00)</i>
<i>Mentoring program:</i>	<i>Participants will receive additional information, materials and labs and they can contact the mentor via email during the 3 weeks course</i>
<i>Language:</i>	<i>Bulgarian</i>

PRICE OPTIONS

90 euro excl VAT	<i>*Participation in the online sessions</i>
190 euro excl VAT	<i>*Participation in the online sessions *Labs + additional information & materials *Mentor</i>
270 euro excl VAT	<i>*Participation in the online sessions *Labs + additional information & materials *Mentor *Video records of the sessions *1h personal online mentoring session</i>

** The difficulty level is consistent with the widely accepted scale of technical difficulty of training on Microsoft Corp*

AUDIENCE:

Data Analysts, Financial Analysts, Cost Analysts, Revenue Analysts, Business Analysts, Performance analysts, Accountants, Financial controllers and everyone whose best-friend functionality is export to Excel, that need to consolidate data from different data sources, understand the data and derive actionable insights from it.

AFTER THE TRAINING ATTENDEES WILL BE ABLE TO:

- Save time hunting down for the right data. Combine online, offline, spreadsheets, text files, database data in a single model with PowerBI
- Provide additional context to your data using online sources, without IT department support
- Optimize repetitive manual data cleansing/transformation steps. Forget about countless spreadsheet Copy/Paste and VLOOKUPS.
- Provide actionable data insights to your stakeholders at the right time, in the right shape using compelling dashboard and report designs in minutes
- Stop wasting numerous hours in report preparation and realize that your data is outdated by the time you finished your report
- Quickly and easily share reports and dashboards with stakeholders, without sending spreadsheets over mail, storing them on file shares or document management systems
- Forget about performance issues when working with tens of thousands of records or even millions
- Properly secure data by controlling access to individual rows in the model so users will see only the data they have permission to see
- Connect with peers and get tailored advice on your daily data issues
- Get additional ideas how to use your data, based on experience in the numerous real case labs, part of this training

BOOK NOW!

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your way

PREREQUISITES:

Basic/Intermediate Excel skills; Basic/Intermediate PowerBI skills; No technical background required

TOPICS & SCHEDULE:

Week1:

Day 1:

Module 1: Data import and preparation with PowerBI Desktop

- Importing and transforming data using Power Query
- Implementing functions and parameters to import data
- Using DAX for creating common scenario tables, such as Date dimension table

Day 2:

Module 2: Modeling your data for better analysis

- Creating Calculated Columns and Measures
- Using multiple table relationships
- Handling different granularities
- Model data types, geographic data
- Variables, What-If parameters
- Implementing Row level security

Week 2:

Day 1:

Module 3: Visualization and report design with PowerBI

- Creating compelling reports and dashboards for better decision making
- Visualization best practices
- Using advanced visualization features such as What-if scenarios, Bookmarks, etc.

Day 2:

Module 4: Extending your model with DAX

- Using DAX Studio to write DAX queries
- Common DAX patterns with CALCULATE, FILTER, SUMMARIZE, SUMMARIZECOLUMNS
- Implementing Time intelligence – Month-To-Date, Year-To-Date, Parallel Period calculations, running totals, Sliding running totals, weighted averages, Pareto analysis
- Implementing Account intelligence
- Patterns for balance sheets, bill of materials, cumulative balances, cumulative totals, static and dynamic segmentation and much more

Week 3:

Day 1:

Module 5: End to end sharing and collaboration with PowerBI

- Sharing scenarios in an Organization
- Sharing using PowerBI Workspaces and PowerBI Apps; individual report sharing
- Sharing with Mobile devices

Day 2:

Overall summary of the course