

COURSE: DA-100T00-A: Analyzing Data with Power BI

This course will discuss the various methods and best practices that are in line with business and technical requirements for modeling, visualizing, and analyzing data with Power BI. The course will also show how to access and process data from a range of data sources including both relational and non-relational data. This course will also

explore how to implement proper security standards and policies across the Power BI spectrum including datasets and groups. The course will also discuss how to manage and deploy reports and dashboards for sharing and content distribution. Finally, this course will show how to build paginated reports within the Power BI service and publish them to a workspace for inclusion within Power BI.

Summary

<i>Duration:</i>	<i>5 days/ 40 hours</i>
<i>Level:</i>	<i>200*</i>
<i>Delivery method:</i>	<i>In class/Online</i>
<i>Language:</i>	<i>Bulgarian/English</i>

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

AUDIENCE:

The audience for this course are data professionals and business intelligence professionals who want to learn how to accurately perform data analysis using Power BI. This course is also targeted toward those individuals who develop reports that visualize data from the data platform technologies that exist on both in the cloud and on-premises.

AFTER THE TRAINING ATTENDEES WILL BE ABLE TO:

- Ingest, clean, and transform data
- Model data for performance and scalability
- Design and create reports for data analysis
- Apply and perform advanced report analytics
- Manage and share report assets
- Create paginated reports in Power BI

TOPICS:

Module 1. Introduction

Module 2. Getting and Profiling Data

Module 3. Cleaning and Transforming Data

Module 4. Designing a Data Model

Module 5. Developing a Data Model

Module 6. Creating Model Calculations with DAX

Module 7. Optimizing Model Performance

Module 8. Creating Reports

Module 9. Enhancing Reports for Usability and Performance

Module 10. Creating Dashboards

Module 11. Enhancing Reports and Applying Advanced Analytics

Module 12. Managing and Sharing Power BI Assets

Module 13. Working with Paginated Reports in Power BI