**COMPENDIUM CENTRUM EDUKACYJNE**

Training: Microsoft
## PL-300T00 Microsoft Power BI Data Analyst

Gold
Microsoft Partner
Microsoft

### TRANING TERMS

2026-02-18 | 3 days | Warszawa / Virtual Classroom
2026-03-18 | 3 days | Kraków / Virtual Classroom
2026-04-15 | 3 days | Warszawa / Virtual Classroom
2026-05-13 | 3 days | Kraków / Virtual Classroom
2026-06-17 | 3 days | Warszawa / Virtual Classroom

## TRAINING GOALS:

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.

After course completion, student 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

Audience profile

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.

## CONSPECT:

- Get Started with Microsoft Data Analytics
  - Data Analytics and Microsoft
  - Getting Started with Power BI

- Getting Data in Power BI
  - Data Analytics and Microsoft
  - Optimize Performance
  - Resolve Data Errors
  - Lab : Preparing Data in Power BI Desktop

- Cleaning, Transforming, and Loading Data in Power BI
  - Shaping the Data
  - Profiling the Data
  - Enhance the data structure
  - Lab : Loading Data in Power BI Desktop

- Design a Data Model in Power BI
  - Introduction to data modeling
  - Working with tables
  - Dimensions and Hierarchies
  - Lab : Data Modeling in Power BI Desktop

- Create Model Calculations using DAX in Power BI
  - Introduction to DAX
  - Real-time dashboards
  - Advanced DAX
  - Lab : Introduction to DAX in Power BI Desktop
  - Lab : Advanced DAX in Power BI Desktop

- Optimize Model Performance in Power BI
  - Optimize the data model for performance
  - Optimize DirectQuery Models
  - Create Reports in Power BI
  - Design a report
  - Enhance the report
  - Lab : Enhancing reports with interaction and formatting in Power BI Desktop
  - Lab : Designing a report in Power BI Desktop

- Create Dashboards in Power BI
  - Create a Dashboard

- - Real-time Dashboards
  - Enhance a Dashboard
  - Lab : Creating a Dashboard in Power BI Service
- Identify Patterns and Trends in Power BI
  - Advanced Analytics
  - Data Insights through AI visuals
  - Lab : Data Analysis in Power BI Desktop
- Create and Manage Workspaces in Power BI
  - Creating Workspaces
  - Sharing and Managing Assets
- Manage Files and Datasets in Power BI
  - Parameters
  - Datasets
- Row-level Security in Power BI
  - Security in Power BI
  - Lab : Enforce Row-Level Security

## REQUIREMENTS:

Successful Data Analysts start this role with experience of working with data in the cloud.

Specifically:

- Understanding core data concepts.
- Knowledge of working with relational data in the cloud.
- Knowledge of working with non-relational data in the cloud.
- Knowledge of data analysis and visualization concepts.

You can gain the prerequisites and a better understanding of working with data in Azure by completing Microsoft Azure Data Fundamentals before taking this course.

## Difficulty level

## CERTIFICATE:

Certificate of completing an authorized Microsoft training

## TRAINER:

Microsoft Certified Trainer