

# Microsoft Azure Data Fundamentals



## Purpose of the training

The training is intended for people who would like to know the basics of database concepts in the cloud computing environment within the area of data services at Azure platform.

Moreover, the training is aimed at the people interested in taking „DP-900 Microsoft Azure Data Fundamentals” certification exam.



## Benefits of completing the training

Gaining basic knowledge from data storage in cloud computing environment using data management services at Azure platform.

Participants gain the skills in the area of:

- Describing basic data storage concepts in Azure
- Presenting a concept of relational data storage in Azure
- Presenting a concept of non-relational data storage in Azure

Identifying components of modern data warehouses in Azure



## Examination method

**Egzamin** w formie **on-line**. Zapis na stronie <https://home.pearsonvue.com/Clients/Microsoft.aspx>  
<https://www.altkomakademia.pl/vouchery-microsoft-promocja/>



## Expected Listener Preparation

The candidates should have the basic knowledge from database concepts.

An ability to use an operational system and Internet browser.  
An ability to use English materials.



### Training Language

- Training: English
- Materials: English



### Training Includes

\* **podręcznik** w formie elektronicznej dostępny na platformie:

<https://learn.microsoft.com/pl-pl/training/>

### Duration

1 days / 7 hours

## Training agenda

1. Acquaintance with basic data concepts
  - Studying basic concepts of data storage
  - Knowing the roles and duties in the world of data
  - Describing relational database concepts
  - Knowing the non-relational database concepts (NoSql)
  - Acquaintance with data analysis concept
2. Studying relational data in Azure
  - Acquaintance with the offers of relational data storage in Azure
  - Studying offers of relational base delivery and implementation Azure
  - Querying relatywną databases in Azure
3. Studying non-relational data in Azure
  - Acquaintance with offers of non-relational database storage in Azure
  - Acquaintance with non-relational database service delivery and implementation in Azure

- Non-relational data warehouse management in Azure
4. Studying modern analytical data warehouse mechanisms in Azure
- Reviewing modern database components
  - Acquaintance with data obtaining mechanisms Azure
  - Knowing the elements of data storage and processing in Azure
  - Basics of Architecting solutions with Power BI