

Szkolenie: Microsoft

## DP-100T01 Designing and Implementing a Data Science Solution on Azure



### Cel szkolenia:

Gain the necessary knowledge about how to use Azure services to develop, train, and deploy, machine learning solutions. The course starts with an overview of Azure services that support data science. From there, it focuses on using Azure's premier data science service, Azure Machine Learning service, to automate the data science pipeline. This course is focused on Azure and does not teach the student how to do data science. It is assumed students already know that.

### Audience profile:

- This course is aimed at data scientists and those with significant responsibilities in training and deploying machine learning models.

### Plan szkolenia:

- Doing Data Science on Azure
  - Introduce the Data Science Process
  - Overview of Azure Data Science Options
  - Introduce Azure Notebooks
  - Doing Data Science with Azure Machine Learning service
  - Introduce Azure Machine Learning (AML) service
  - Register and deploy ML models with AML service
- Automate Machine Learning with Azure Machine Learning service
  - Automate Machine Learning Model Selection
  - Automate Hyperparameter Tuning with HyperDrive
- Manage and Monitor Machine Learning Models with the Azure Machine Learning service
  - Manage and Monitor Machine Learning Models

### Wymagania:

Before attending this course, students must have:

- Azure Fundamentals

- Understanding of data science including how to prepare data, train models, and evaluate competing models to select the best one.
- How to program in the Python programming language and use the Python libraries: pandas, scikit-learn, matplotlib, and seaborn.

## Poziom trudności



## Certyfikaty:

Uczestnicy kursu **DP-100T01: Designing and Implementing a Data Science Solution on Azure** otrzymują **certyfikat** ukończenia autoryzowanego szkolenia **Microsoft**.

## Prowadzący:

Microsoft Certified Trainer.

## Informacje dodatkowe:

Zajęcia prowadzone są w języku polskim, materiały źródłowe oraz oprogramowanie są w języku angielskim.