kod szkolenia: DP-603 / ENG DL 1d

Implement Real-Time Intelligence with Microsoft Fabric

This training introduces the basics of ingesting, transforming, and analyzing streaming data with Microsoft Fabric.

Training recipients

The training is intended for:

- Data Scientists
- Data Engineers

Benefits

1. Basics of eventstream and eventhouse in Microsoft Fabric – You will learn how to run an eventhouse and populate it with data from the stream.
2. Hands-on learning – Through the labs, you will gain experience that you can easily translate into real tasks at work.
3. Data stream management in MS Fabric – You will gain knowledge on how to use eventstream and eventhouse in MS Fabric.
4. Understanding KQL Database – You will learn how to analyze data with the help of KQL.
5. Understanding the idea of an activator – You will learn in practice the mechanism of triggering a response to detected data patterns.

Training program

1.Introduction to real-time analytics in Microsoft Fabric
2.Use Eventstream in Microsoft Fabric
- Components of an eventstream.
- Sources and destinations of the eventstream.
- Eventstream transformations.

3.Work with real-time data in Eventhouse in Microsoft Fabric
- Start your adventure with Eventhouse.
- Use KQL effectively.
- Materialized views and stored functions.

4.Create real-time dashboards with Microsoft Fabric
- Introduction to real-time dashboards.
- Organize and filter dashboard data.
- Manage and optimize dashboards.

5.Using the Activator in Microsoft Fabric
- Configure the Activator for data.
- Create rules in the Activator.
- Configure actions in the Activator.

Expected preparation of the participant

- Knowledge of basic database concepts and services
- Knowledge of the basics of Python and SQL (or at least one of them).
- Completing the DP-900 Learning Path
- Completing the DP-601 Learning Path

  To increase the comfort of work and training’s effectiveness we suggest using an additional monitor. The lack of additional monitor does not exclude participation in the training, however, it significantly influences the comfort of work during classes.

  You can find information and requirements of participation in Distance Learning trainings at: https://www.altkomakademia.pl/en/how-it-works/about-courses/

Training Includes

- manual in electronic form available on the platform: https://learn.microsoft.com/pl-pl/training/
- access to Altkom Akademia's student portal

Training method:

- Lecture and product presentation (50%)
- Exercise(50%)

Major teaching tools include PowerPoint presentations, test-environment demonstrations, hands-on lab environments, and Microsoft Learn

Language

Training: English
Materials: English

Czas trwania

1 dni / 7 godzin

Examination method