

# 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



## 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

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Examination method