Implement Real-Time Intelligence with Microsoft Fabric

CODICE	**DP-603T00**
DURATA	**1 gg**
PREZZO	**420,00 €**
EXAM	

DESCRIZIONE

Real-time intelligence in Microsoft Fabric enables analysis of streaming events in real or near-real time.

OBIETTIVI RAGGIUNTI

Students will learn to,

- Get started with Real-Time Analytics in Microsoft Fabric
- Use real time eventstreams in Microsoft Fabric
- Query data in a KQL database in Microsoft Fabric

CONTENUTI

Get started with Real-Time Intelligence in Microsoft Fabric

Analysis of real-time data streams is a critical capability for any modern data analytics solution. You can use the Real-Time Intelligence capabilities of Microsoft Fabric to ingest, query, and process streams of data.

- Introduction
- Describe Microsoft Fabric Real-Time Intelligence?
- Understand KQL database and tables
- Describe Microsoft Fabric Real-Time hub
- Write queries with KQL
- Exercise: Explore Real-Time Intelligence in Fabric
- Knowledge check
- Summary

Use real time eventstreams in Microsoft Fabric

This module is an introduction to the Microsoft Fabric Eventstream within Real-Time Intelligence (RTI).

- Introduction

- Main components of event streams
- Setting up event stream
- Routing event stream data
- Exercise - Load data into a KQL database using Microsoft Fabric event stream
- Knowledge check
- Summary

Query data in a KQL database in Microsoft Fabric

This tutorial provides a brief introduction to KQL (Kusto Query Language) queries using Querysets and the major differences between KQL and T-SQL when using Querysets.

- Introduction
- Get started with KQL queries
- KQL best practices
- Advanced features
- Using KQL with notebooks
- Exercise - query a KQL database in Microsoft Fabric
- Knowledge check
- Summary

Create Real-Time Dashboards with Microsoft Fabric

In this module, you'll explore the user-friendly Real-Time Dashboard in Microsoft Fabric. This dashboard offers an auto-refresh feature for data, supports parameterization, and allows for a multi-page dashboarding experience without requiring any coding. It also integrates with Copilot for managing underlying query sets. This creates a seamless and efficient user experience.

- Introduction
- Get started with Real-Time Dashboards
- Advanced features
- Real-Time Dashboards best practices
- Exercise - create a Real-Time Dashboard
- Knowledge check
- Summary

Get started with Data Activator in Microsoft Fabric

Use Data Activator in Microsoft Fabric to easily monitor and take action on your data.

- Introduction
- Understand Data Activator
- Get started with Data Activator
- Understand triggers, conditions and actions in Data Activator

- Get data from Power BI Reports and EventStreams with Data Activator
- Assign data in Data Activator
- Create triggers in Data Activator
- Exercise – Use Data Activator in Fabric
- Knowledge check
- Summary