


A close-up, artistic photograph of a clock's internal mechanism. The image shows a pendulum with a brass-colored metal body and a dark, rectangular weight. The pendulum is suspended by a thin wire and is positioned in the center-left of the frame. The background is a dark, circular clock face with white numbers and hands, which are out of focus. The lighting is dramatic, highlighting the metallic textures of the pendulum and the intricate details of the clock's gears and components.

World's fastest medallion load

Unverified



Brian Bønck

Senior Principal, Microsoft MVP

 <https://aka.bi/follow>

 <https://kql.how>

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REAL-TIME INTELLIGENCE



The world is exploding with
high-granularity data

The Kusto product family

Non exhaustive

Solutions



Azure Monitor



Sentinel



Defender



Playfab



Product



Fabric Real-Time
Intelligence - Eventhouse



Azure Data
Explorer



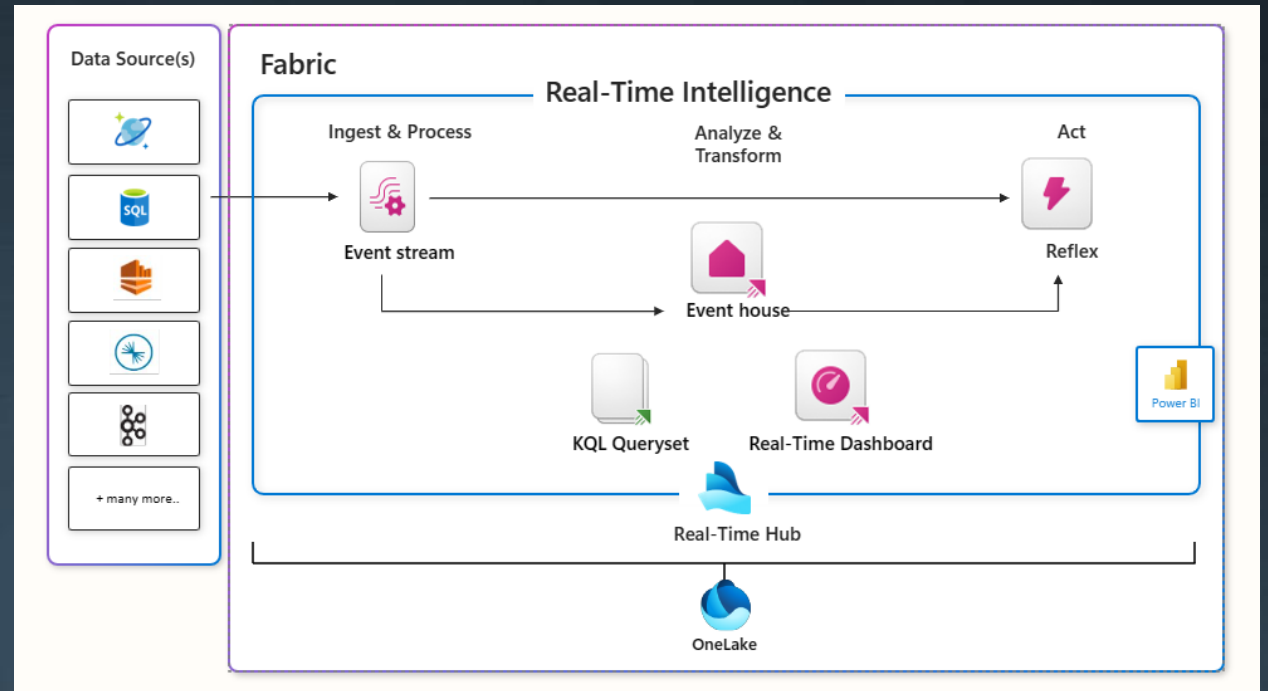
Kustainer

Tech Stack

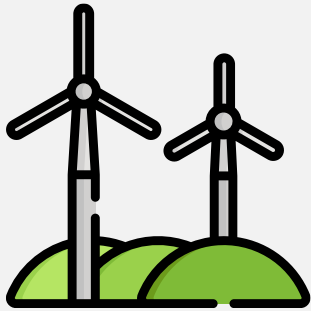
Kusto engine

What is Fabric Real-Time Intelligence?

Powerful end to end solution for data in motion

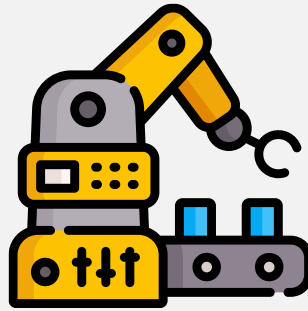


Use cases



Windmills

- Predictive maintenance
- Production
- Sensors



Manufacturing

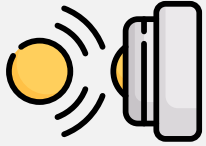
- Throughput
- Sensors
- Bottlenecks



Race cars

- Telemetry
- Alerts
- Engineering output

Microsoft Fabric Real-Time Intelligence



Event
ingestion



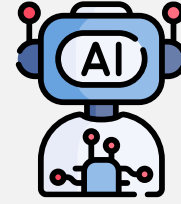
Real-Time
analytics



Real-Time
dashboards



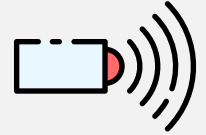
Real-Time
triggers



Real-Time
AI



Real-Time
applications



Event driven
actions



Real-Time Hub



Real-Time
Intelligence



Power BI



Microsoft Fabric Real-Time Intelligence



Real-Time
analytics



Eventhouse

Ingest all your data
fast and process it
in near-real-time





Microsoft Fabric Real-Time Intelligence



Real-Time
analytics



Materialized
views

An always updated
version of the underlying
query.



Eventhouse

Ingest all your data fast and
process it in near-real-time



Update policies

Loads data from source
tables to a destination
table based on a query





Microsoft Fabric Real-Time Intelligence

Sources



Eventstream



Pipeline



Shortcuts &
External tables



Eventhouse



KQL
Database



Tables

Bronze



KQL
Database



Tables

Silver



Update
policies





DEMO

Live coding
(hopefully no demo-ghost 👻)



Microsoft Fabric Real-Time Intelligence

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Fabric Café 2025 March 8



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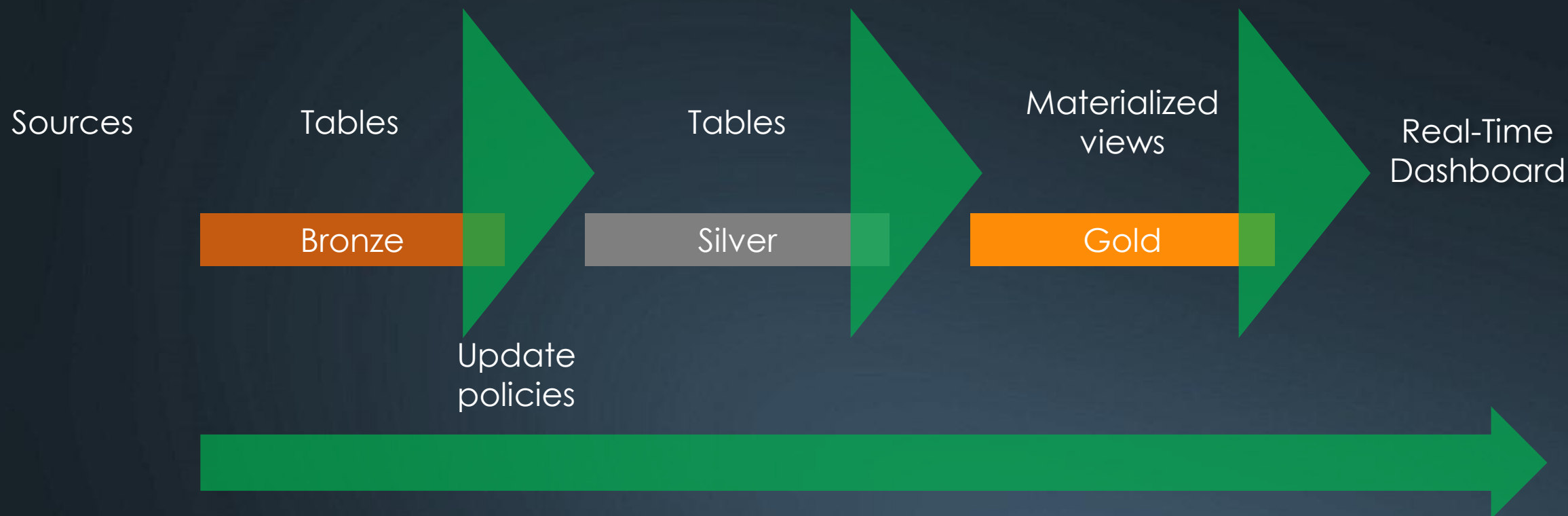
Gold

Real-Time
Dashboard





Microsoft Fabric Real-Time Intelligence



Sub 1 second

<https://dcode.bi/blog/update-policies>



THANK YOU



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Certified Trainer
Data Platform
2018 >>