


A close-up, low-angle shot of a clock's internal mechanism. A brass pendulum is visible on the left, swinging slightly. The background is a dark, textured surface with various numbers and markings, suggesting a clock face. The lighting is dramatic, highlighting the metallic surfaces of the gears and pendulum.

# World's fastest medallion load

*Unverified*



# Brian Bønck

Senior Principal, Microsoft MVP

 <https://aka.bi/follow>

 <https://kql.how>

 <https://dcode.bi>

 <https://aka.bi/slides>





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



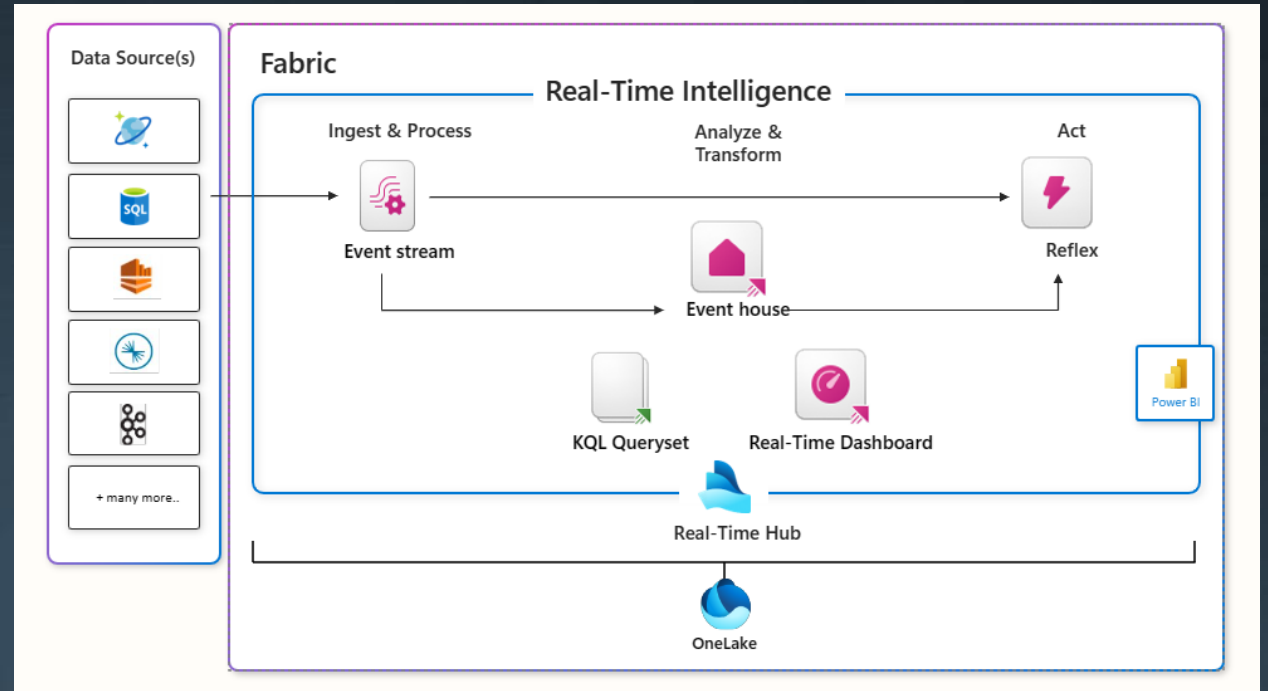
Kustainer

Tech Stack

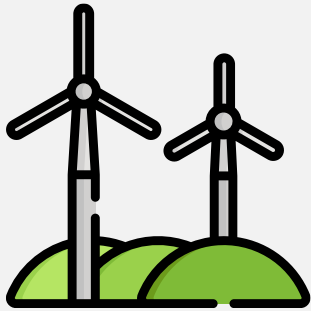
Kusto engine

# What is Fabric Real-Time Intelligence?

Powerful end to end solution for data in motion

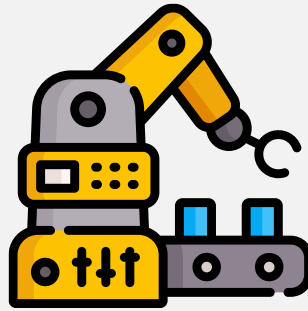


# Use cases



Windmills

- Predictive maintenance
- Production
- Sensors



Manufacturing

- Throughput
- Sensors
- Bottlenecks

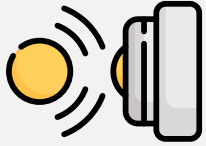


Race cars

- Telemetry
- Alerts
- Engineering output



# Microsoft Fabric Real-Time Intelligence



Event  
ingestion



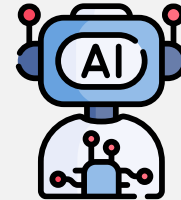
Real-Time  
analytics



Real-Time  
dashboards



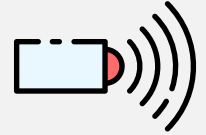
Real-Time  
triggers



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 👻)



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Materialized  
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Update  
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Real-Time  
Dashboard



   
Eventstream

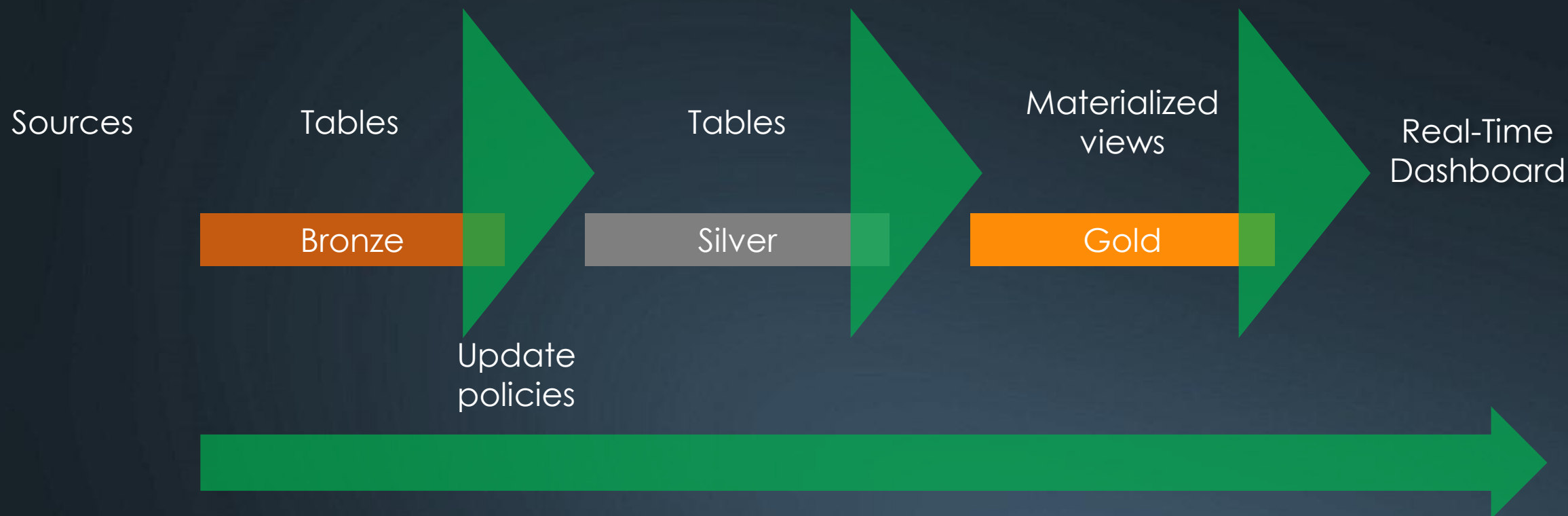
   
Pipeline

   
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# Microsoft Fabric Real-Time Intelligence



**Sub 1 second**

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

# THANK YOU



SOCIAL?



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<https://kql.how>



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<https://aka.bi/slides>



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Most Valuable  
Professional



Microsoft

FastTrack Recognized  
Solution Architect  
Power BI  
2022 >>



Microsoft

Certified Trainer  
Data Platform

2018 >>