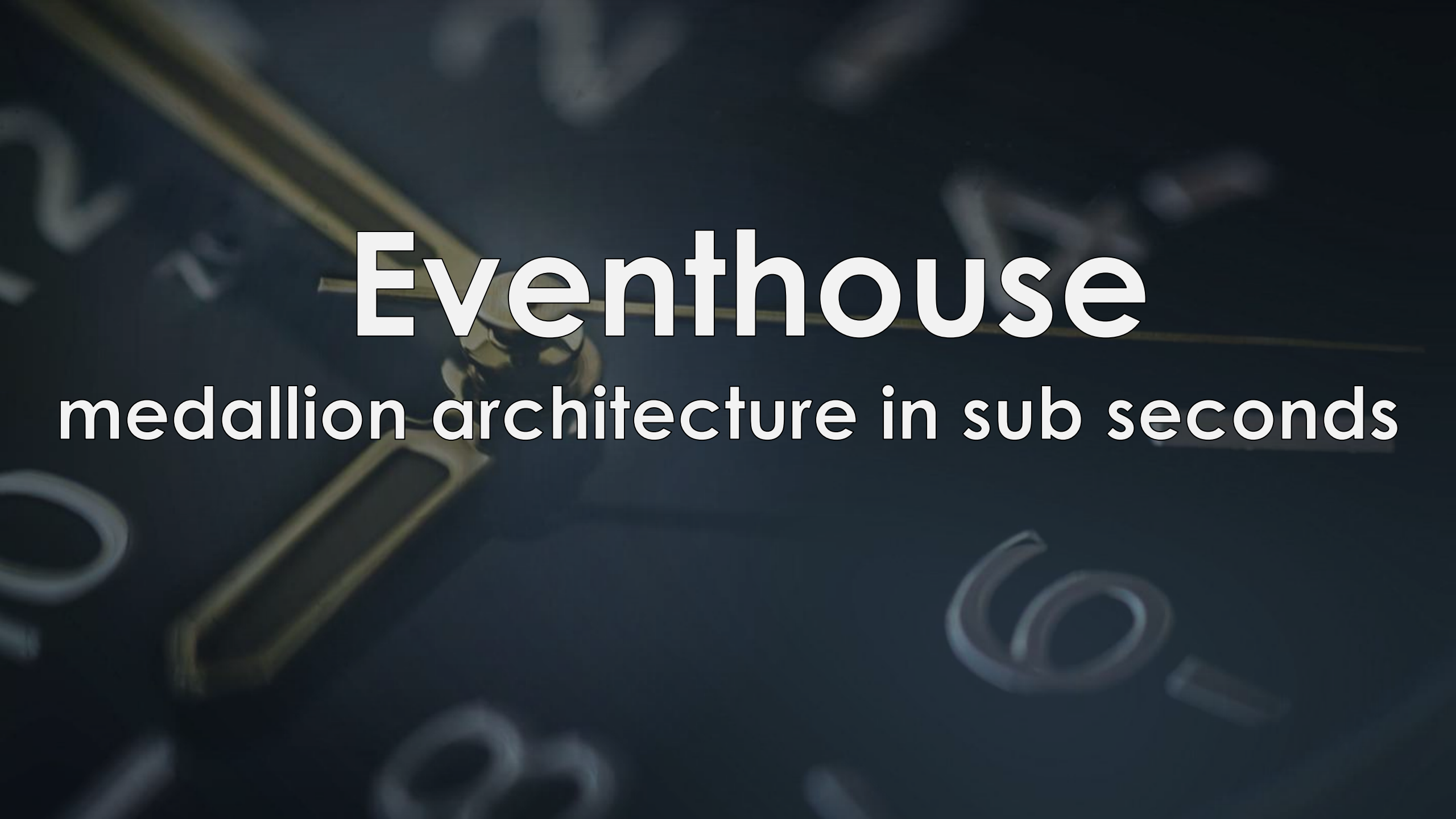

Eventhouse
medallion architecture in sub seconds

Brian Bønk

Senior Principal, Microsoft MVP

https://linkedin.com/in/brianbonk
https://dcode.bi
https://github.com/brianbonk
https://youtube.com/@dcode-bi

Microsoft Most Valuable Professional

Microsoft FastTrack Recognized Solution Architect Power BI
2022 >>

Microsoft Certified Trainer Data Platform
2018 >>

REAL-TIME
INTELLIGENCE

The world is exploding with
high-granularity data

The Kusto product family

Solutions

Non exhaustive

Azure Monitor

Sentinel

Defender

Playfab

• • •

Product

Fabric Real-Time Intelligence - Eventhouse

Azure Data Explorer

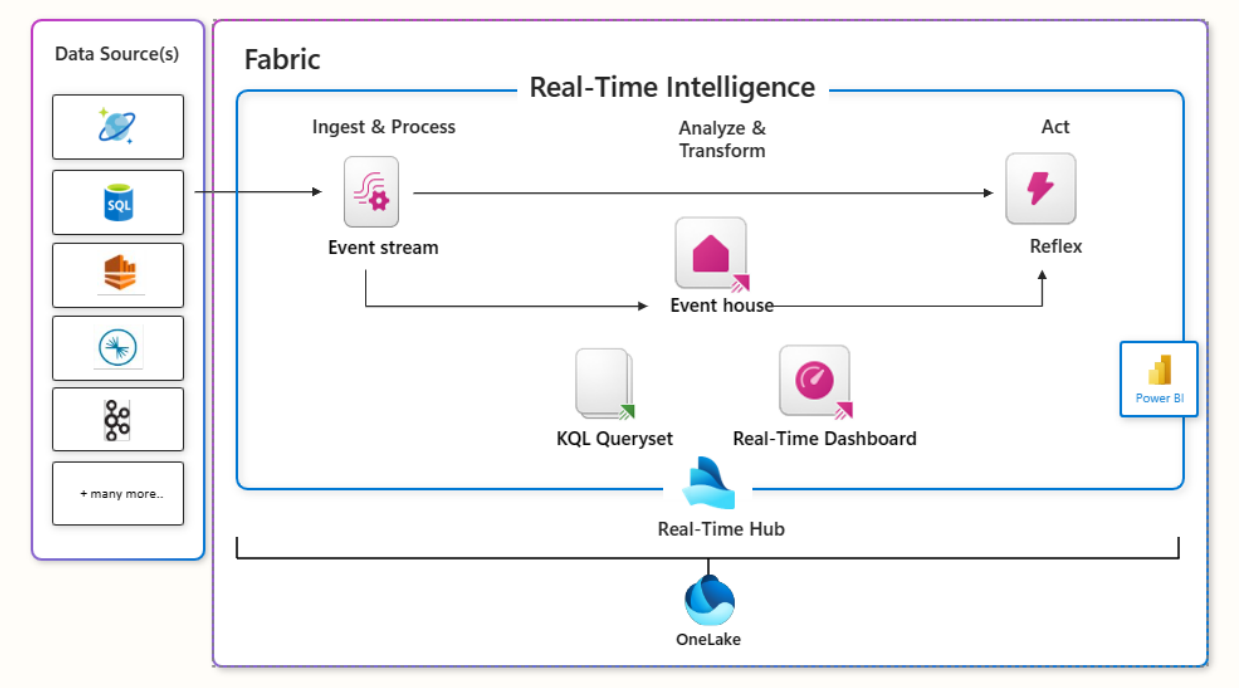
Kustainer

Tech Stack

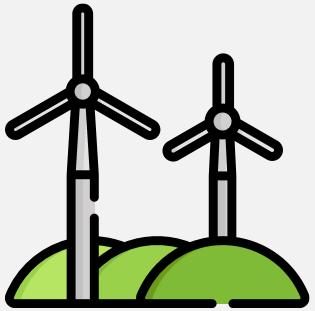
Kusto engine

What is Fabric Real-Time Intelligence?

Powerful end to end solution for data in motion

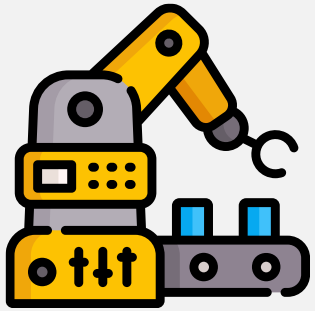


Use cases



Windmills

- Predictive maintenance
- Production
- Sensors



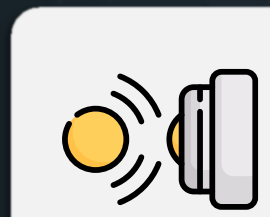
Manufacturing

- Throughput
- Sensors
- Bottlenecks

Race cars

- Telemetry
- Alerts
- Engineering output

Microsoft Fabric Real-Time Intelligence

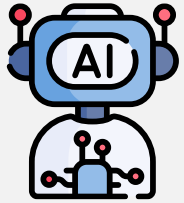


Event ingestion

Real-Time analytics

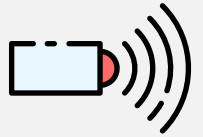
Real-Time dashboards

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

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

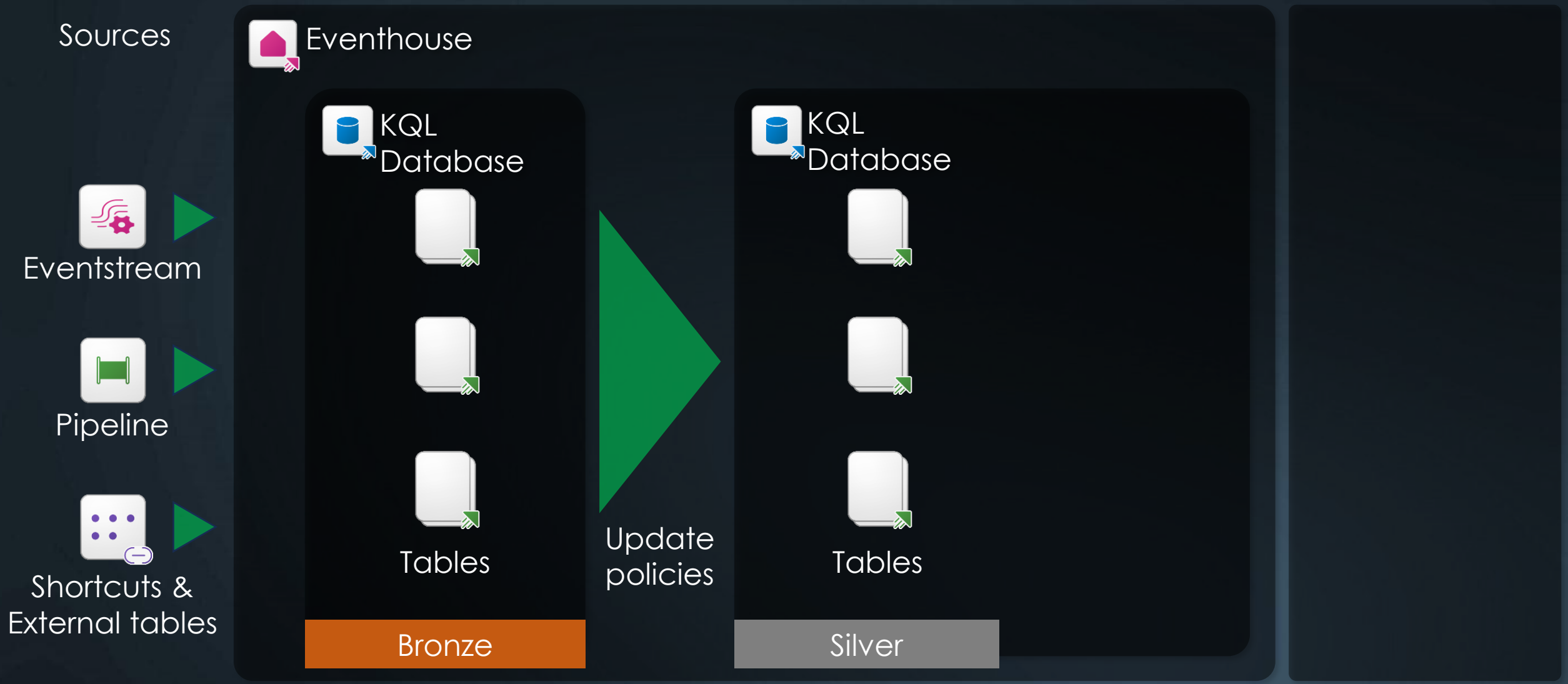
Microsoft Fabric Real-Time Intelligence

An always updated version of the underlying query.

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

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

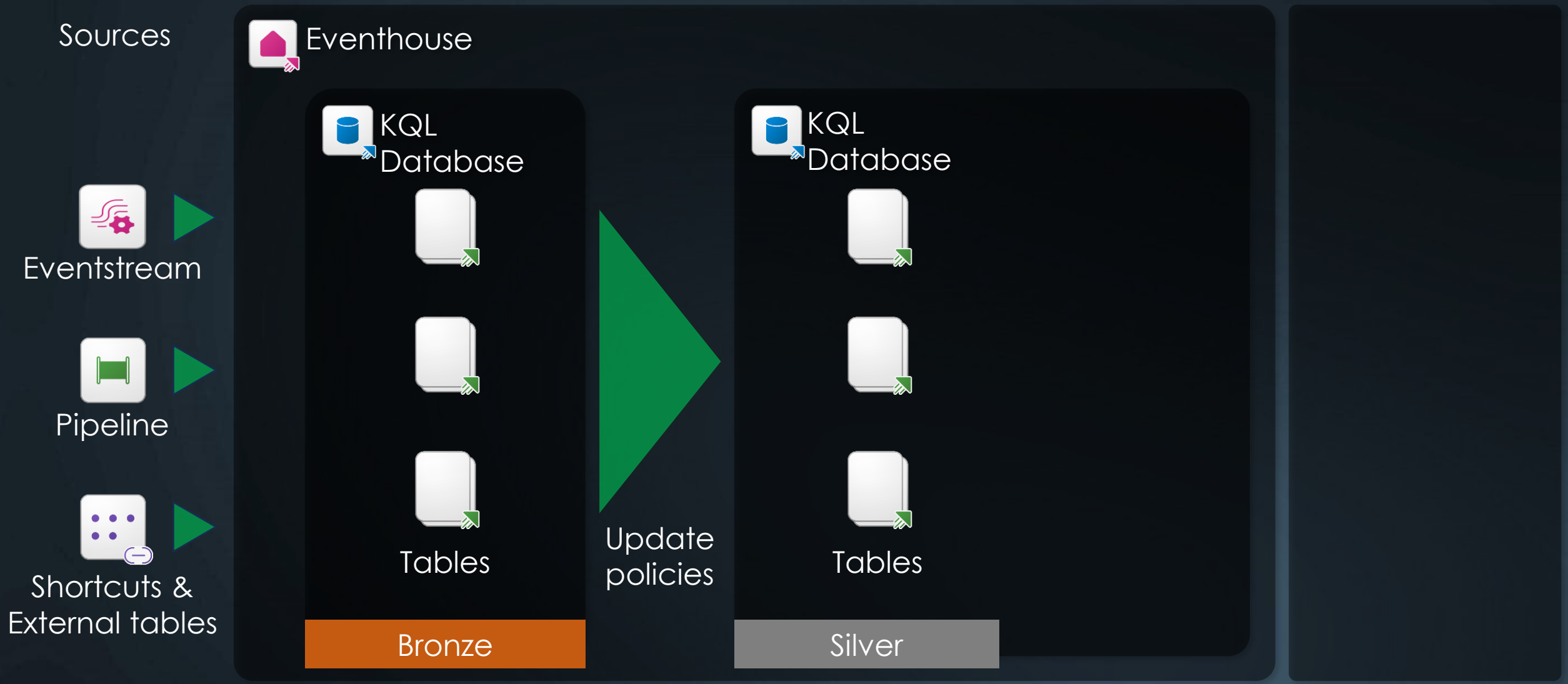
Microsoft Fabric Real-Time Intelligence



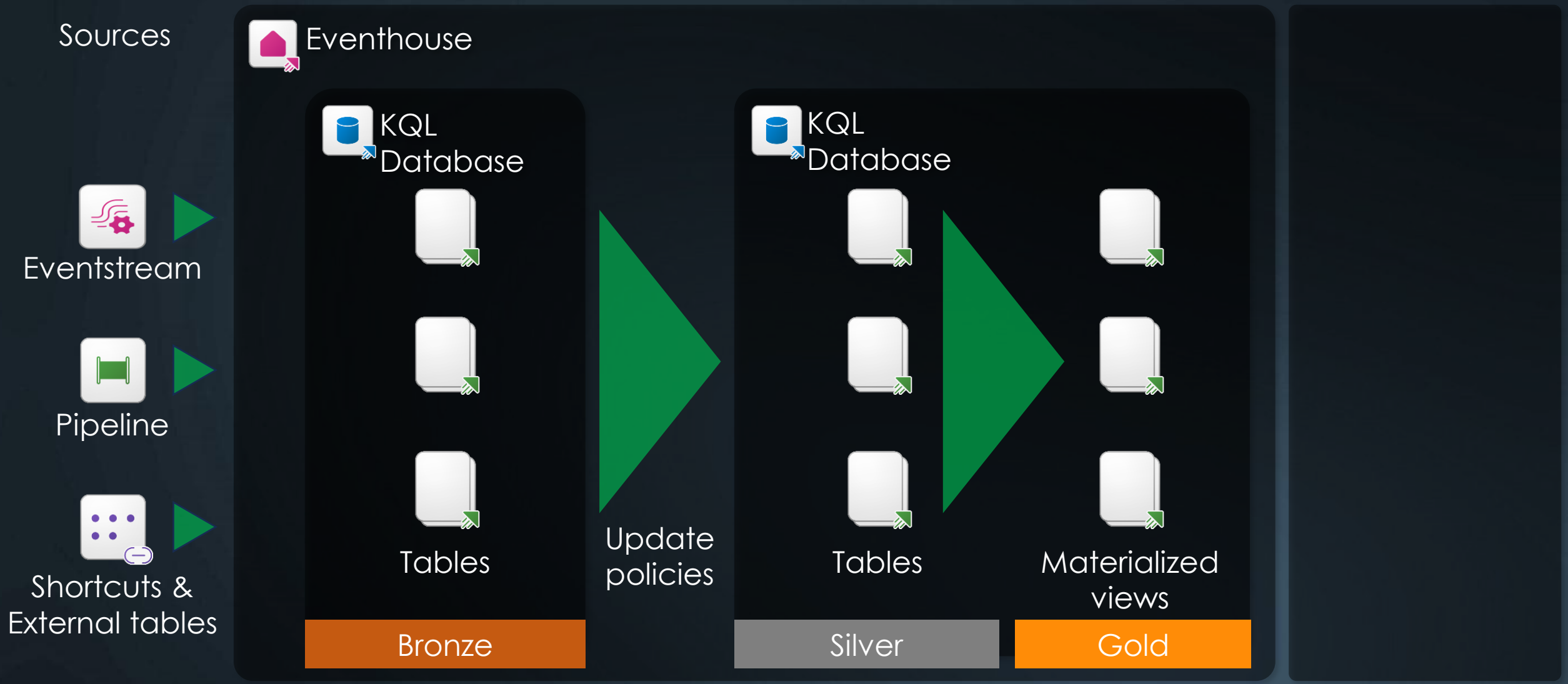
DEMO

Live coding
(hopefully no demo-ghost 👻)

Microsoft Fabric Real-Time Intelligence



Microsoft Fabric Real-Time Intelligence



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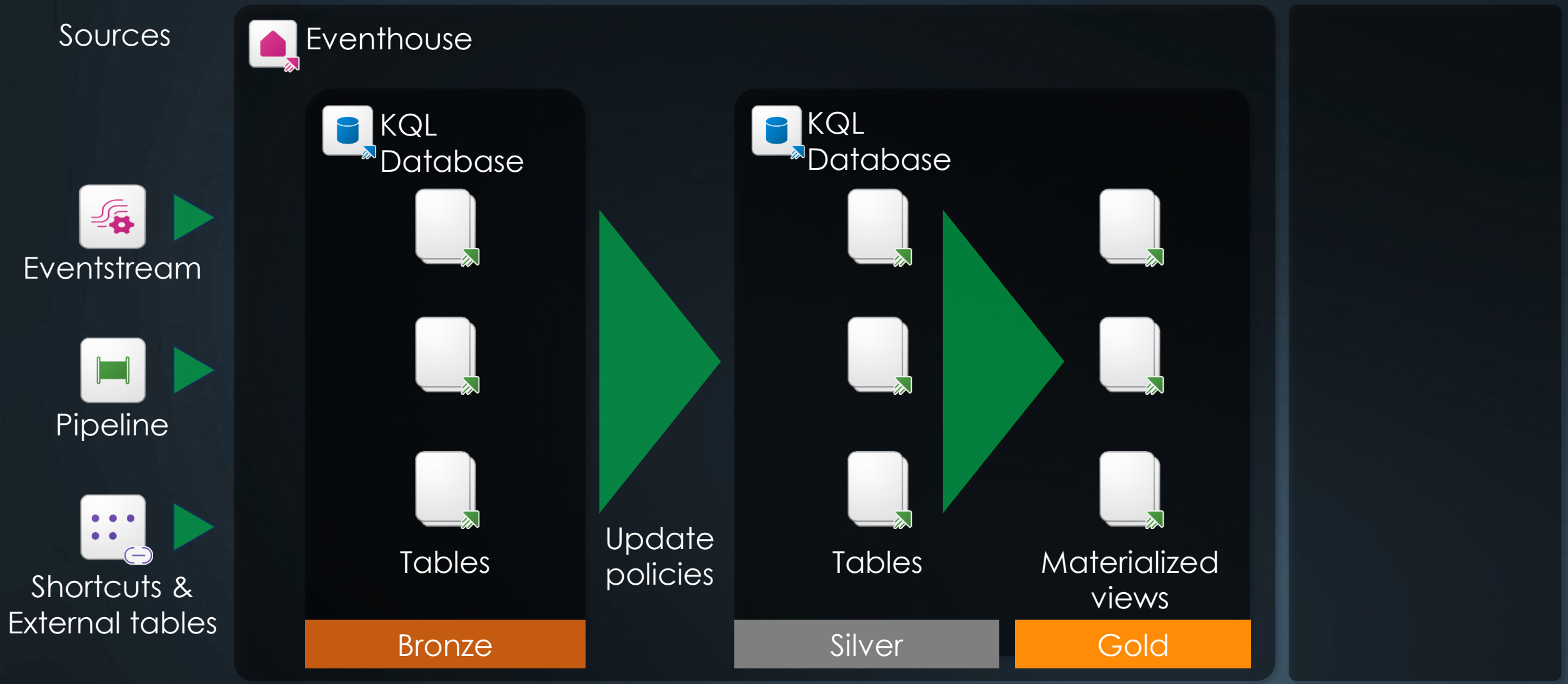
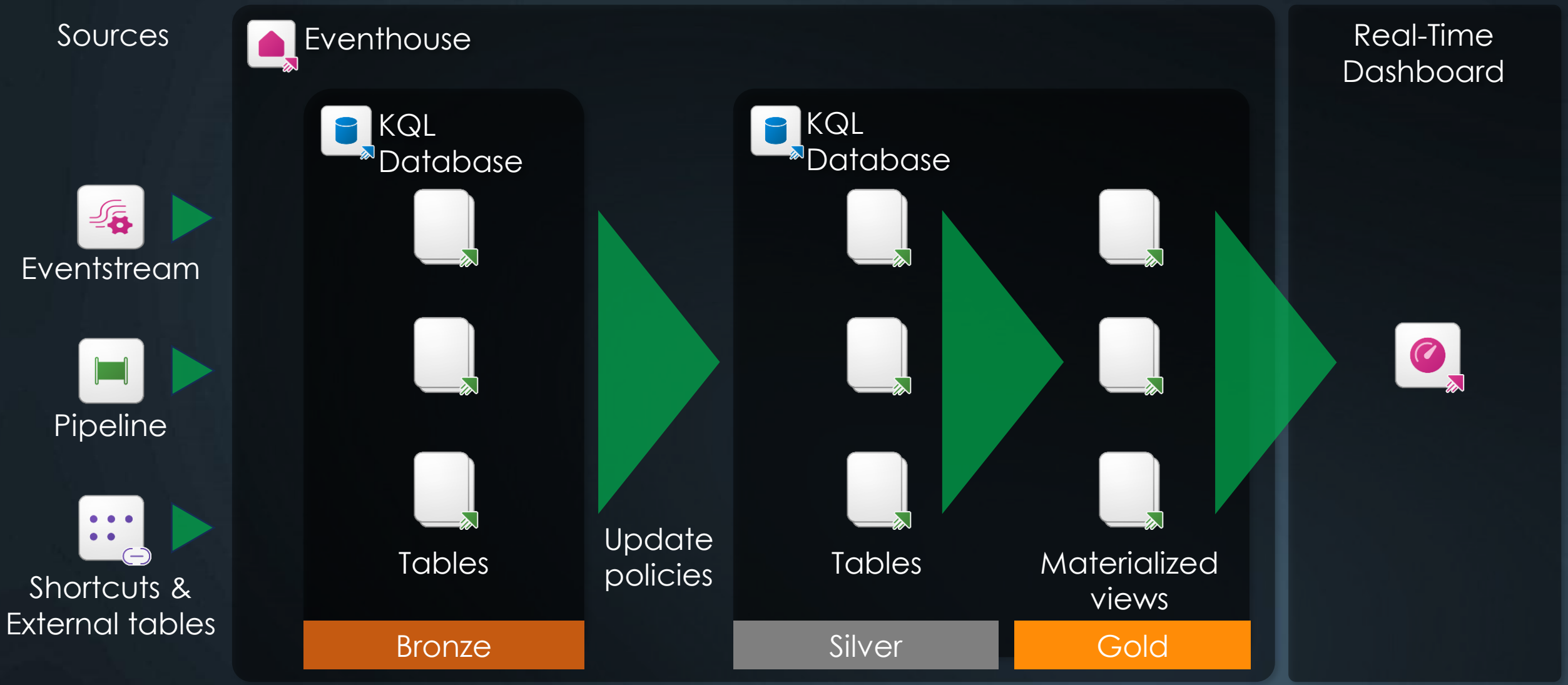
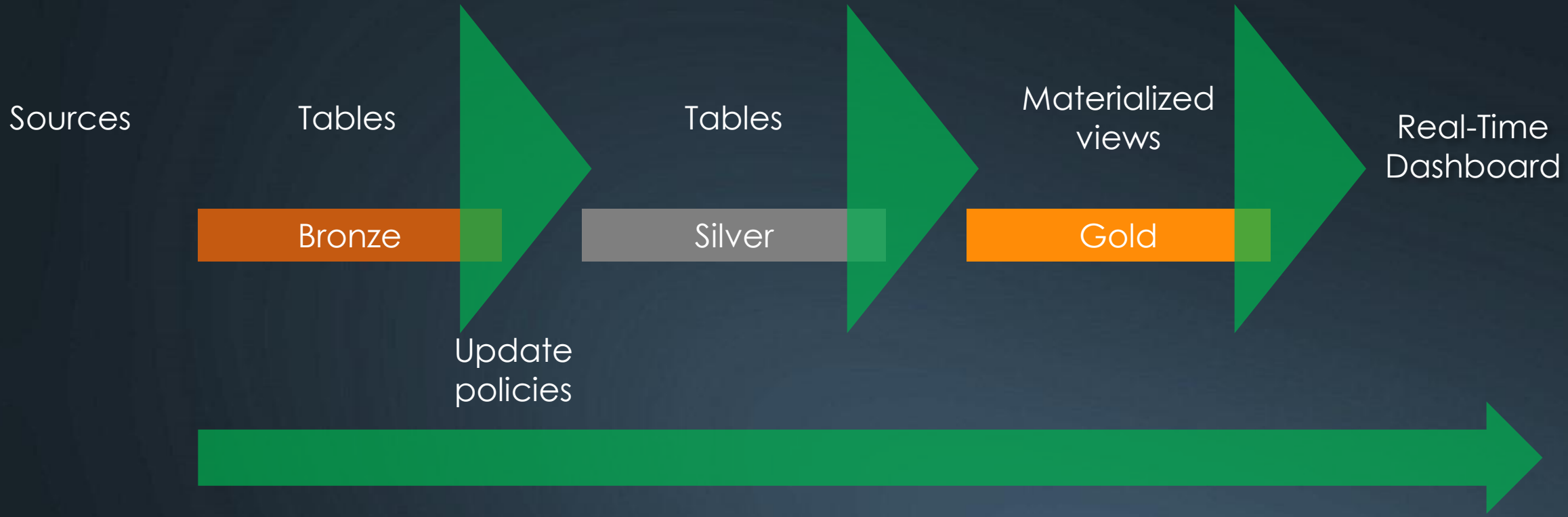
Microsoft Fabric Real-Time Intelligence



Microsoft Fabric Real-Time Intelligence



Microsoft Fabric Real-Time Intelligence



Sub 1 second

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