Streaming to insights in 45+ mins

Brian Bønk

Senior Principal, Microsoft MVP

https://aka.bi/follow
https://kql.how
https://dcode.bi
https://aka.bi/slides

Microsoft MVP
Microsoft Most Valuable Professional

Microsoft
FastTrack Recognized
Solution Architect
Power BI
2022 >>

Microsoft
Certified Trainer
Data Platform
2018 >>

The world is exploding with
high-granularity data

What is Real-Time Intelligence

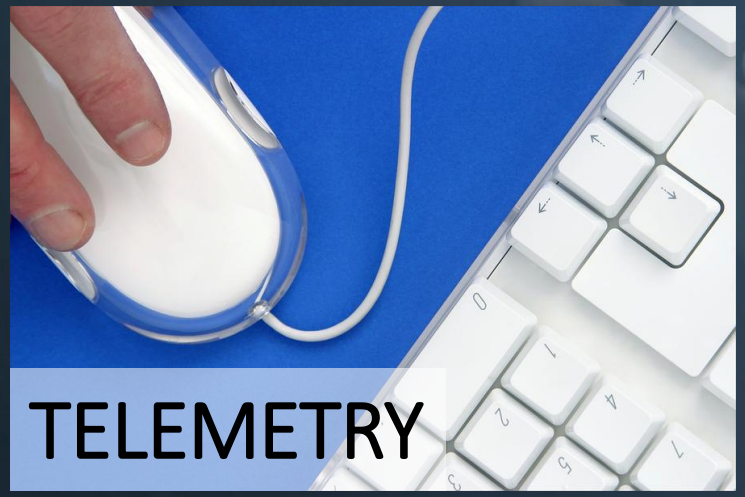
And should I really care?

BANKING

TELCO

STORES

RACECARS



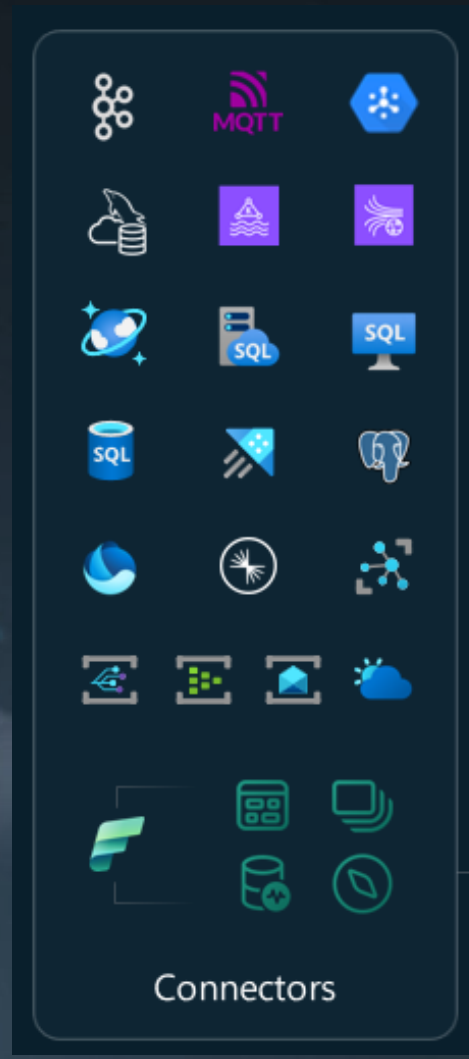
TELEMETRY

MANUFACTORING

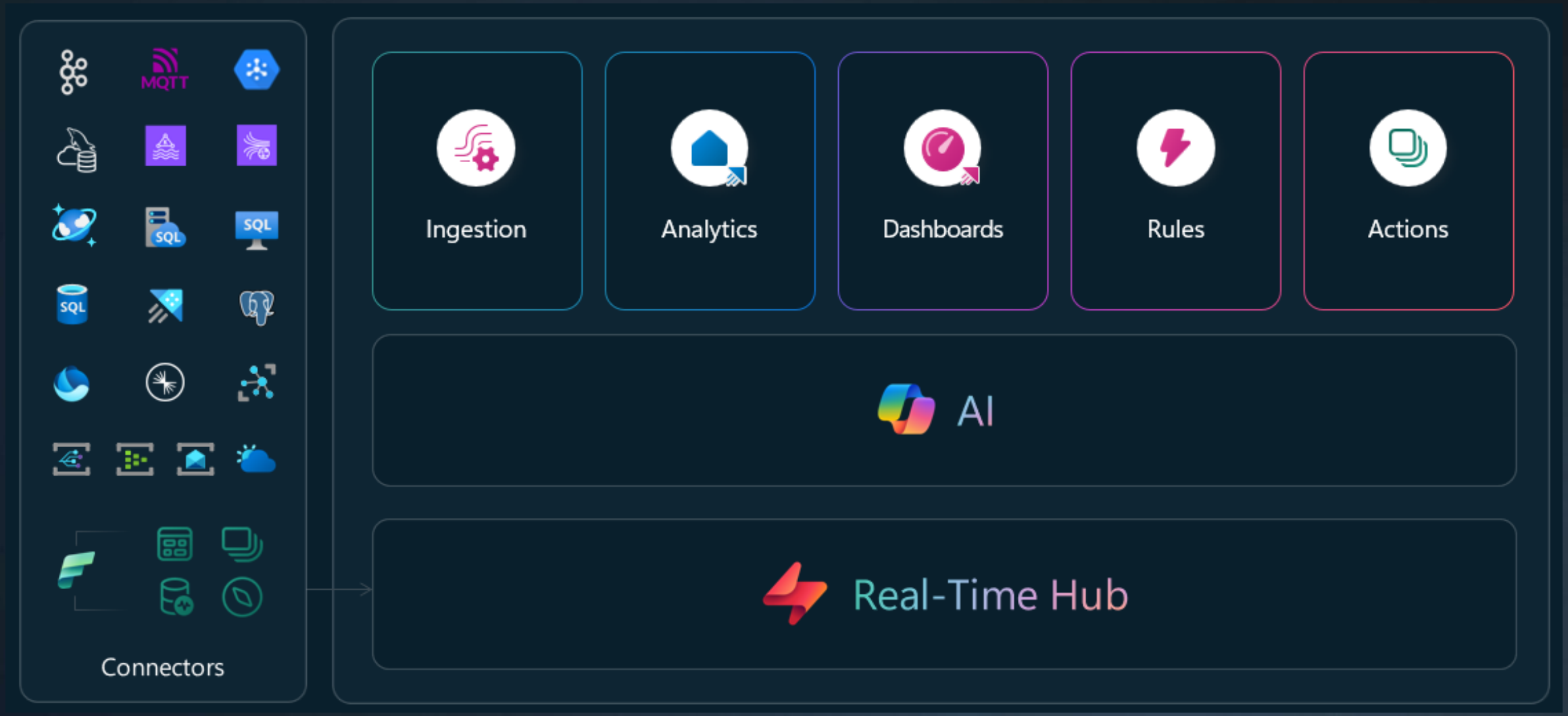
WIND

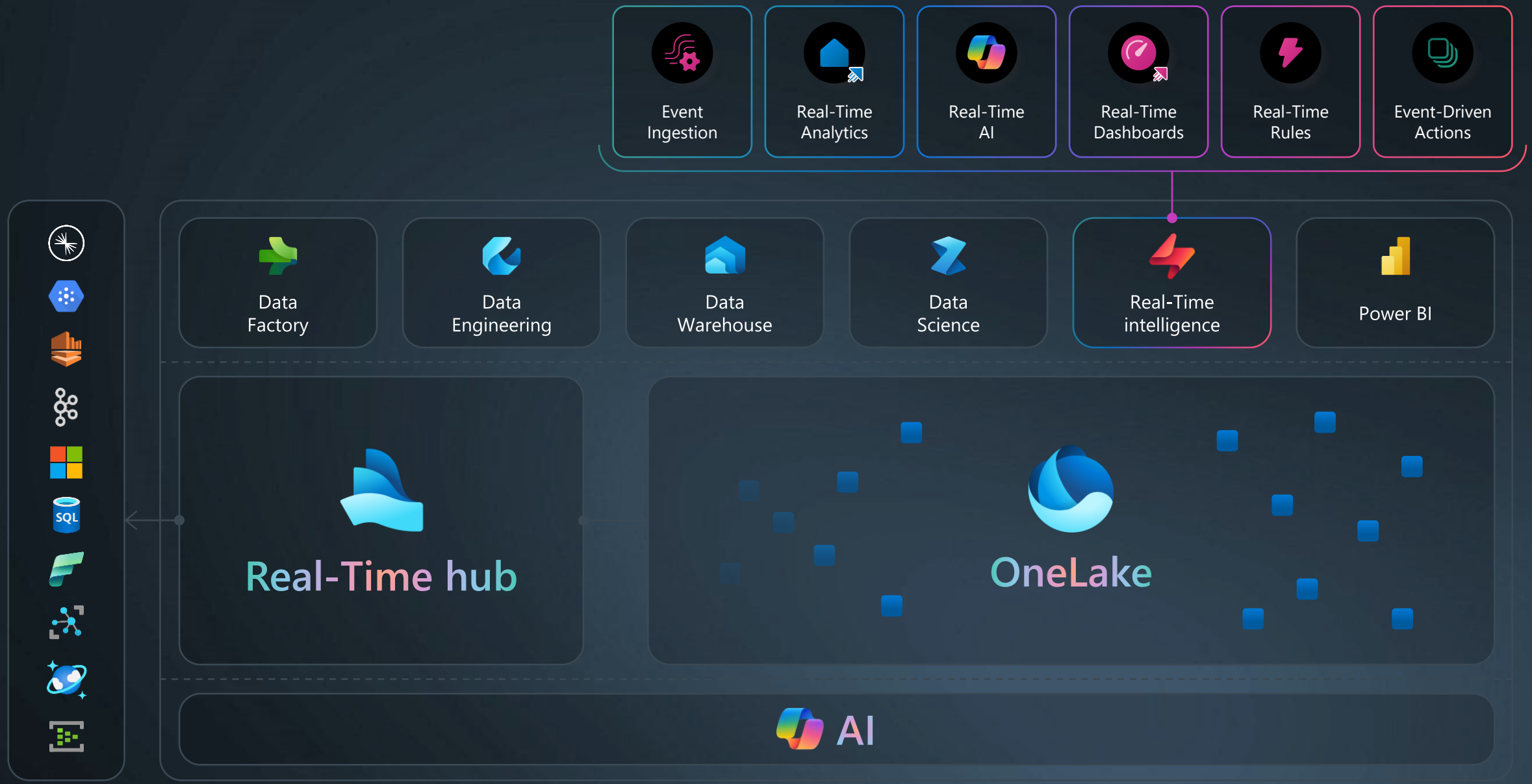
What is Fabric Real-Time Intelligence?

Powerful end to end solution for data in motion

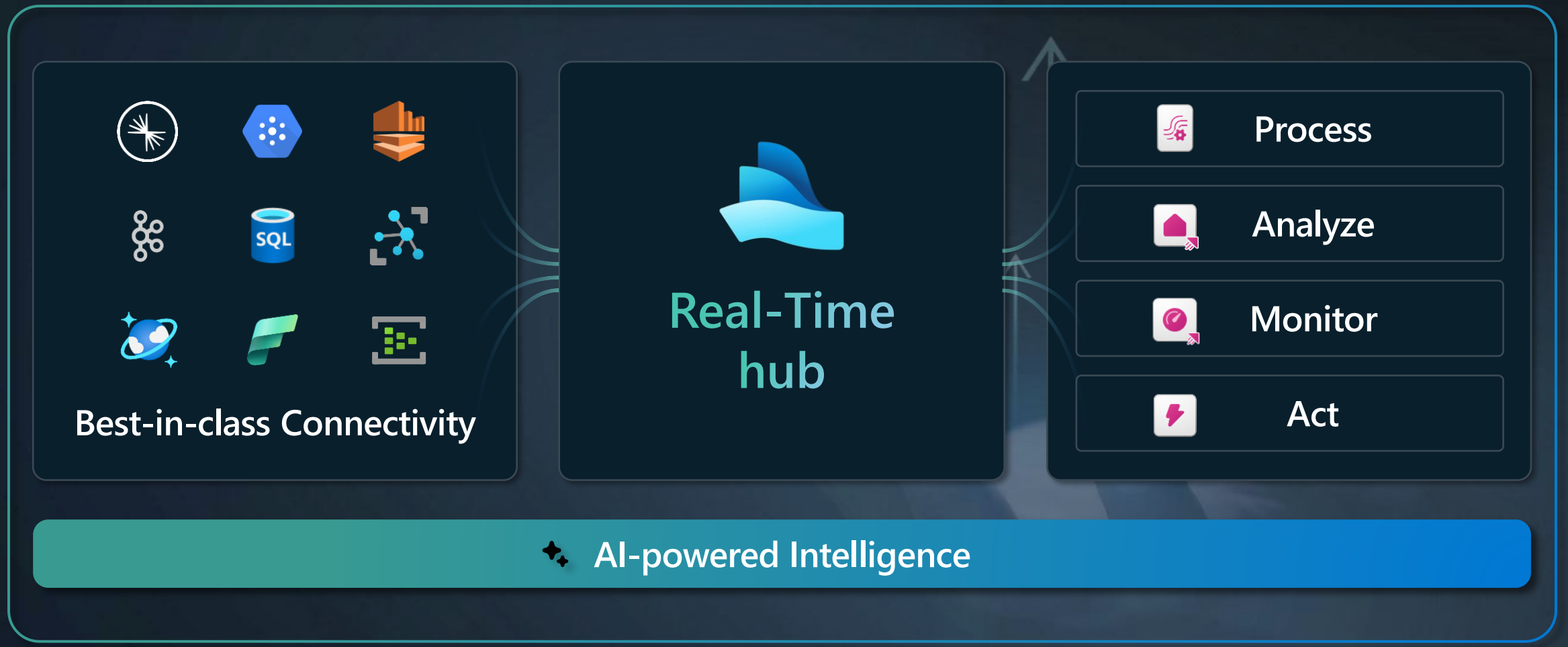


What is Fabric Real-Time Intelligence?



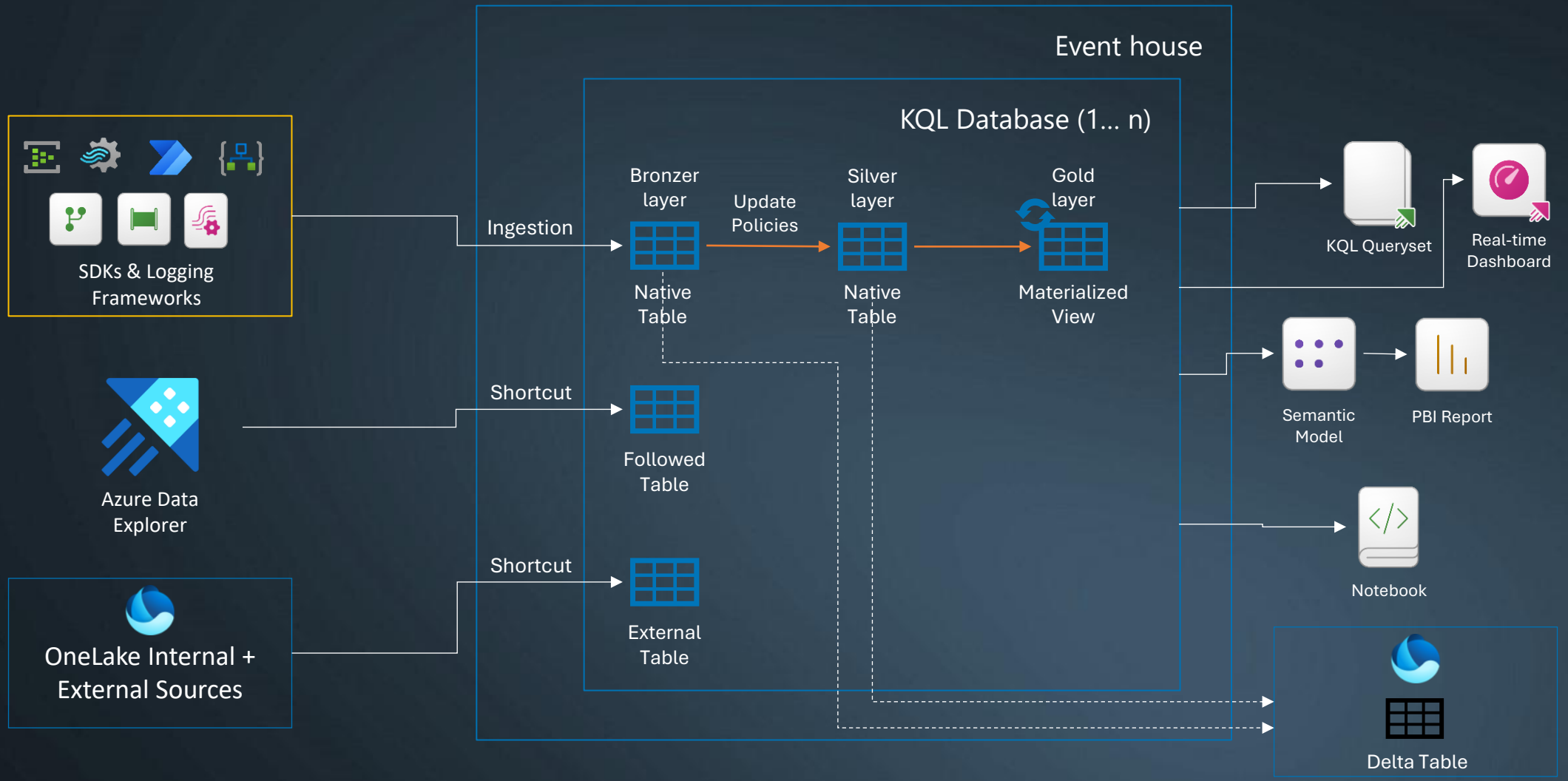

Event Ingestion
Real-Time Analytics
Real-Time AI
Real-Time Dashboards
Real-Time Rules
Event-Driven Actions
Data Factory
Data Engineering
Data Warehouse
Data Science
Real-Time intelligence
Power BI
SQL
Real-Time hub
OneLake
AI

The Real-Time Hub



DEMO TIME

Data modelling



Data modelling

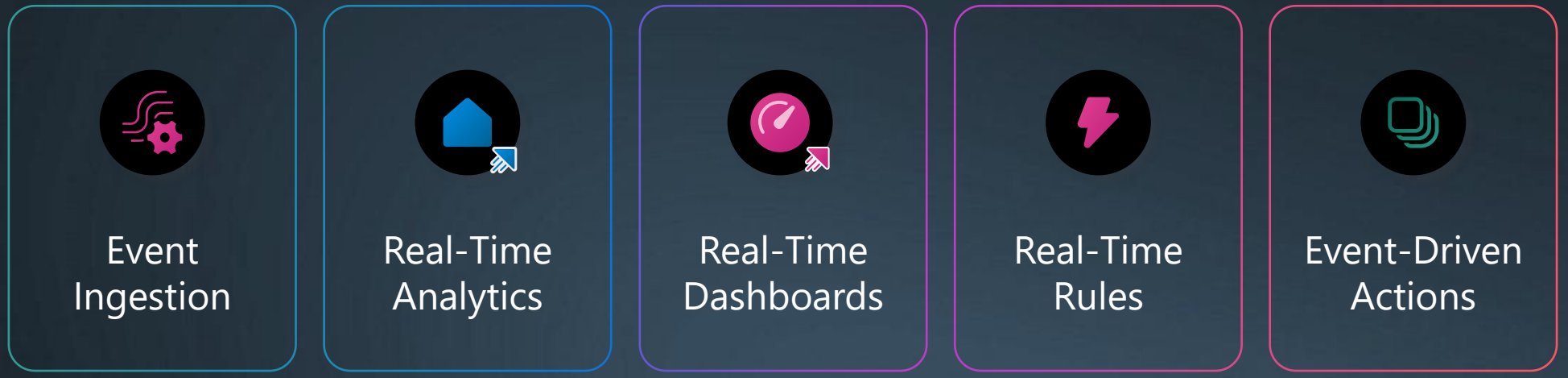
Forget everything you know about

query performance vs data types
&
data modelling best practices

Data modelling

- Single table reporting can be a good option, if you can include all columns from dimensions to the table
- M:M relations are hard to avoid, but not a big deal → all queries will be translated to KQL
- All dimensions must be tagged with “IsDimension=true”
- Dimensions can be imported if they are <1 mio rows.
- INTEGER and DECIMAL er slow joins compared to STRING

Cost



aka.bi/rticostes

aka.bi/rticosteh

aka.bi/rticostact

THANK YOU

https://aka.bi/follow
https://kql.how
https://dcode.bi
https://aka.bi/slides

SOCIAL?

Microsoft MVP
Most Valuable Professional

Microsoft
FastTrack Recognized
Solution Architect
Power BI
2022 >>

Microsoft
Certified Trainer
Data Platform
2018 >>