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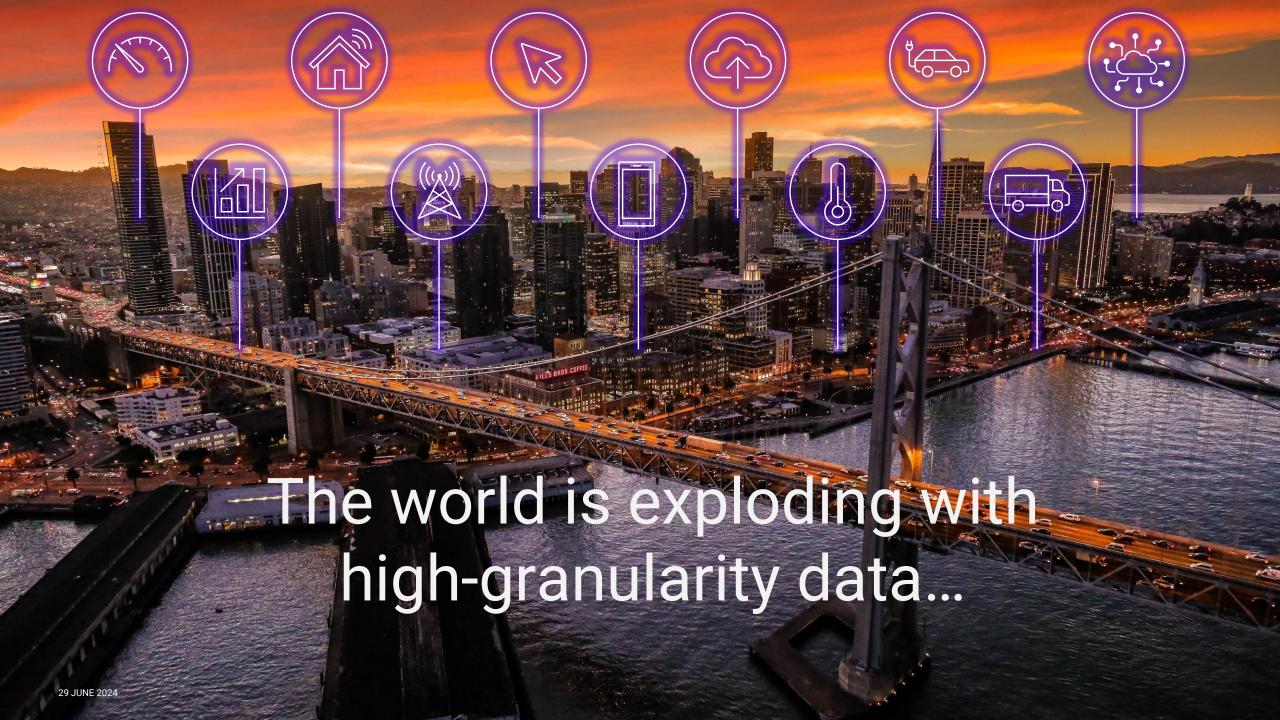


FastTrack Recognized Solution Architect Power BI 2022 >> Certified Trainer Data Platform

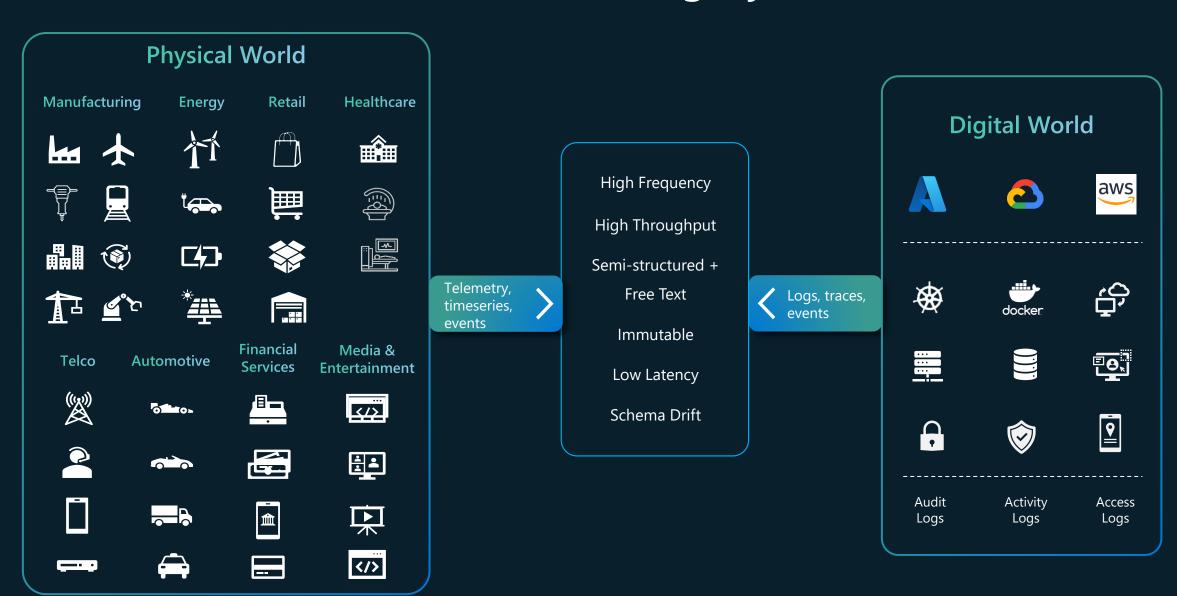
2018 >>







Time based data: difficult to manage, yet critical for success







Enterprise real-time data platforms

Azure Event Hubs
Azure Event Grid
Azure Stream Analytics
Azure Data Explorer







Self-service reporting and activation

OneLake

Data Activator

Power BI

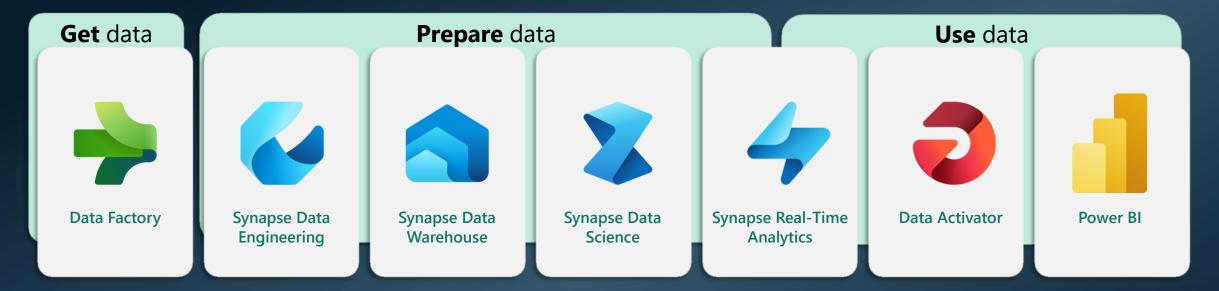


Real-Time Intelligence in Microsoft Fabric

Fully integrated, no/low-code real-time SaaS data platform















Handle streams



Real-Time Hub

Store data

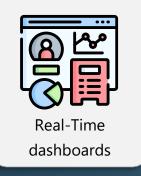


OneLake







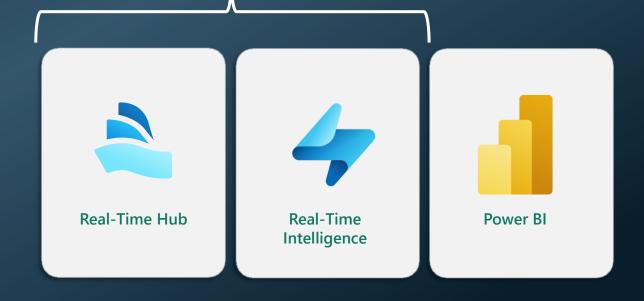




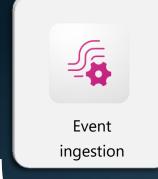


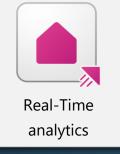














Real-Time dashboards



Real-Time triggers



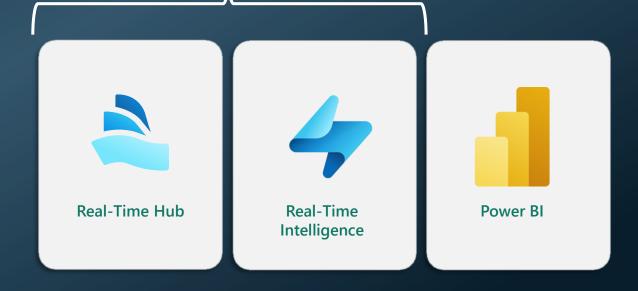
Real-Time Al



Real-Time applications

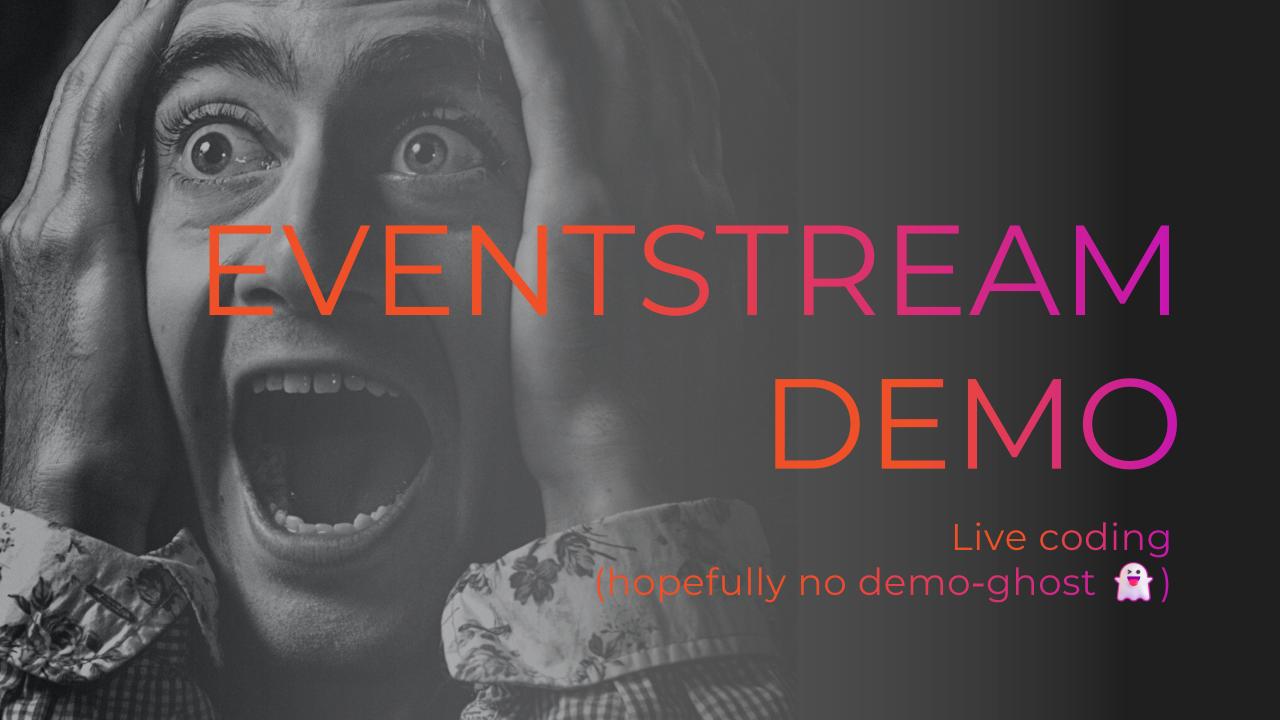


Event driven actions

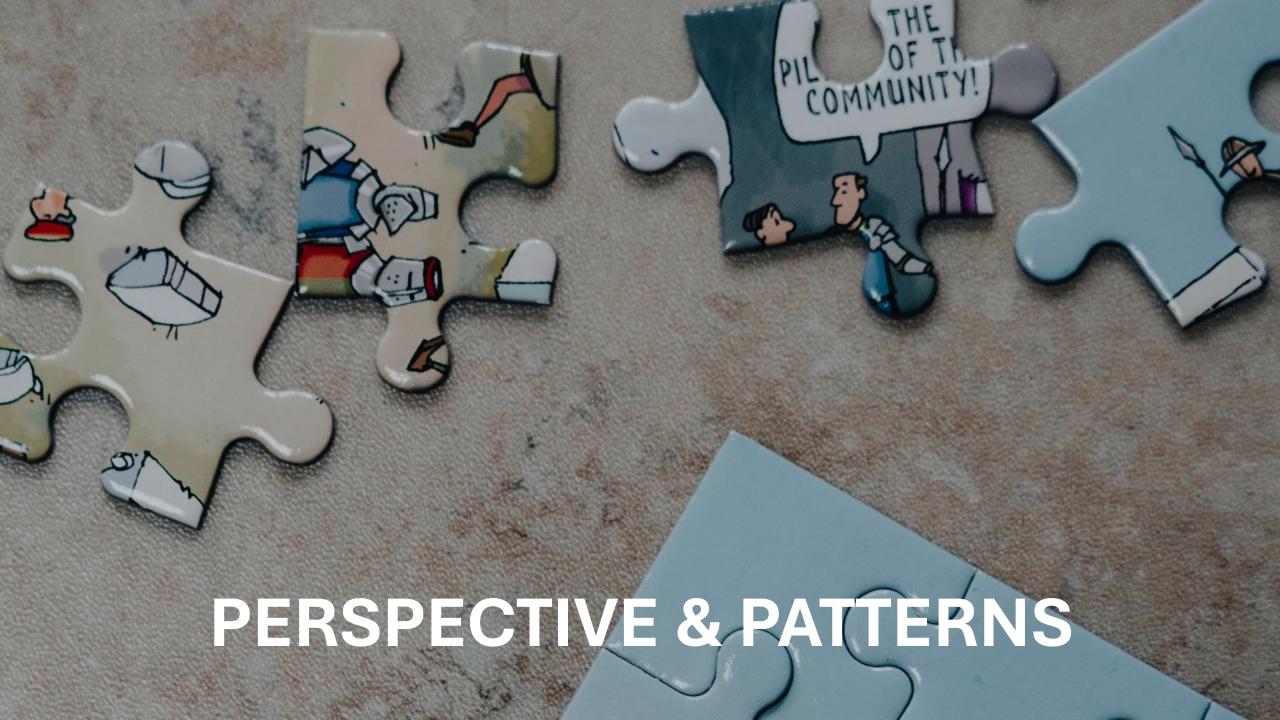




DEMONSTRATION



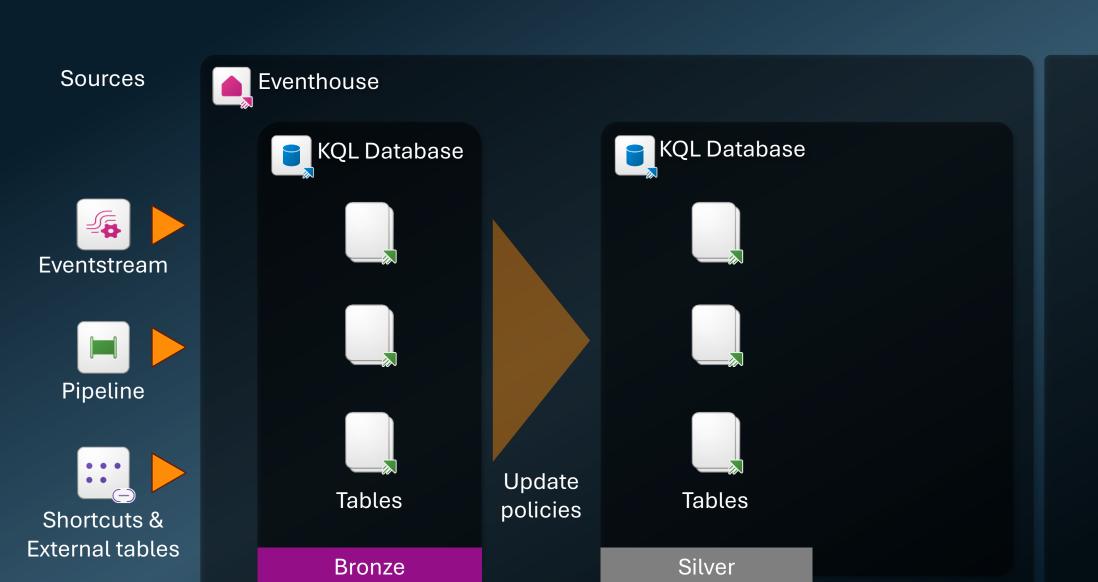






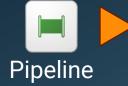
Perspective and patterns

Ingest & process Analyze & transform **Train** Visualize and activate 1. Over 1M/1 HR IIoT events, 30k 3. IIoT events are enriched 5. Build, train, and score ML models 6. Real time dashboard of all tags, from 40 factories are in-motion with the in real time, persisting the scored factories with ability to easily streamed in real time with data in OneLake shift from low granularity to Contextualization data and sub-second latency asset hierarchy from OneLake, high granularity view providing clean and 2. Contextualization data (OPC 7. Enhance organizational BI meaningful views asset metadata, shift details, reports with high granularity weather, component cost, etc.) enriched data 4. Enriched data is aggregated on mirrored into Fabric OneLake the fly for long-term view 8. Notify users and activate automation in response to live స్ట్రో indications from the factory floor IoT Hub 8 3 **Eventstream Eventhouse** Azure IoT Reflex **Power BI** 5 Operations **Eventstream** OneLake ERP 2 **Dashboard** ML model **Data Factory**

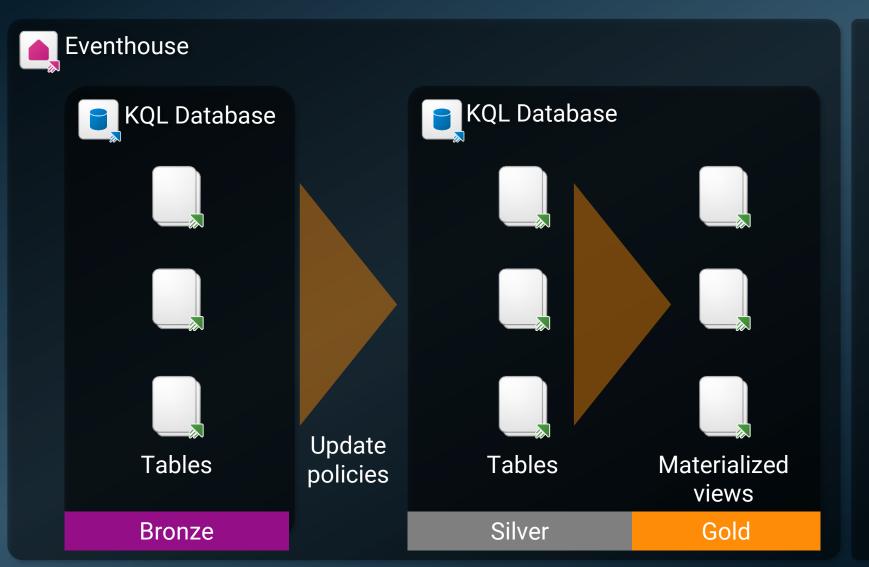
















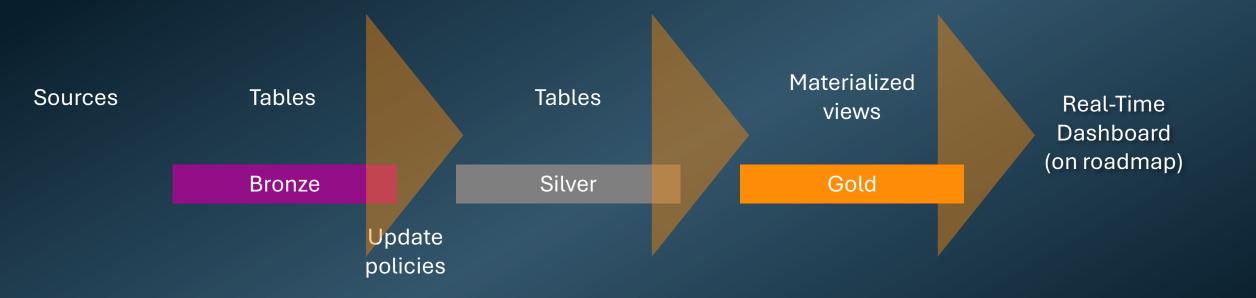






Real-Time Dashboard (on roadmap)





Sub 1 second



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