

Microsoft Fabric and its role in the Microsoft Intelligent Data Platform



Microsoft Fabric

Kevin Chant



Sponsors – *Thank you*



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We couldn't do it without you.



Agenda

- Bio
- Microsoft Intelligent Data Platform
- Introduction to Microsoft Fabric
- Role
- Advice

Manage expectations

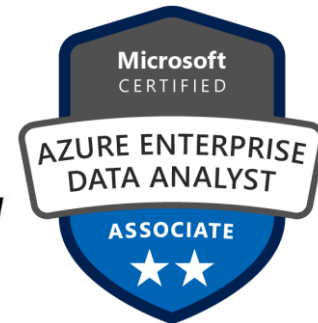
- Demos shown throughout session
- Public Preview (no NDA material)

Kevin Chant

- Data Engineering Manager in the Netherlands
- Worked in IT since Windows 95
- Experience in various sectors
- Various certifications, dual-category MVP



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- LI: <https://www.linkedin.com/in/kevin-chant/>
- Blog: <https://www.KevinRChant.com>
- GitHub: <https://github.com/kevchant>





Microsoft Intelligent Data Platform

- Announced at Build 2022
- Collection of database, analytics and governance services
- Website demo



Comp
analytics
platform

Lake
centric
and open

Empower
every
Business
user

AI Powered



Data
Factory



Synapse Data
Engineering



Synapse Data
Warehouse



Synapse Data
Science



Synapse Real
Time Analytics



Power BI



Data Activator



OneLake

Other auxiliary services as well

- Git integration
- Purview integration
- Security (coming soon)

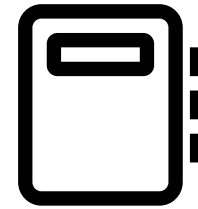
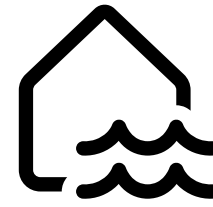
OneLake

- Unified storage foundation
- Built on top of ADLS
- Optimized delta parquet files
- Shortcuts



Data Engineering

- Lakehouses
- Notebooks
- Three items deployed
- Tables and files



Synapse Data Warehousing



- Transactional Data Warehouse
- T-SQL
- Two warehousing experiences

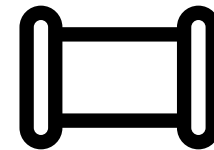
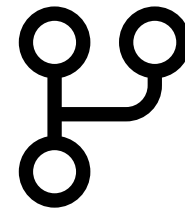
Application guest appearance



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Data Factory

- Ingest Data
- Dataflows (Gen2)
- Pipelines
- Over 200 native connectors



Real-time analytics

- Streaming solution
- Based on Kusto
- Eventstreams
- Integrates with Power BI



Data Science

- Data science workflows
- Easy collaboration
- SynapseML
- MLFlow integration

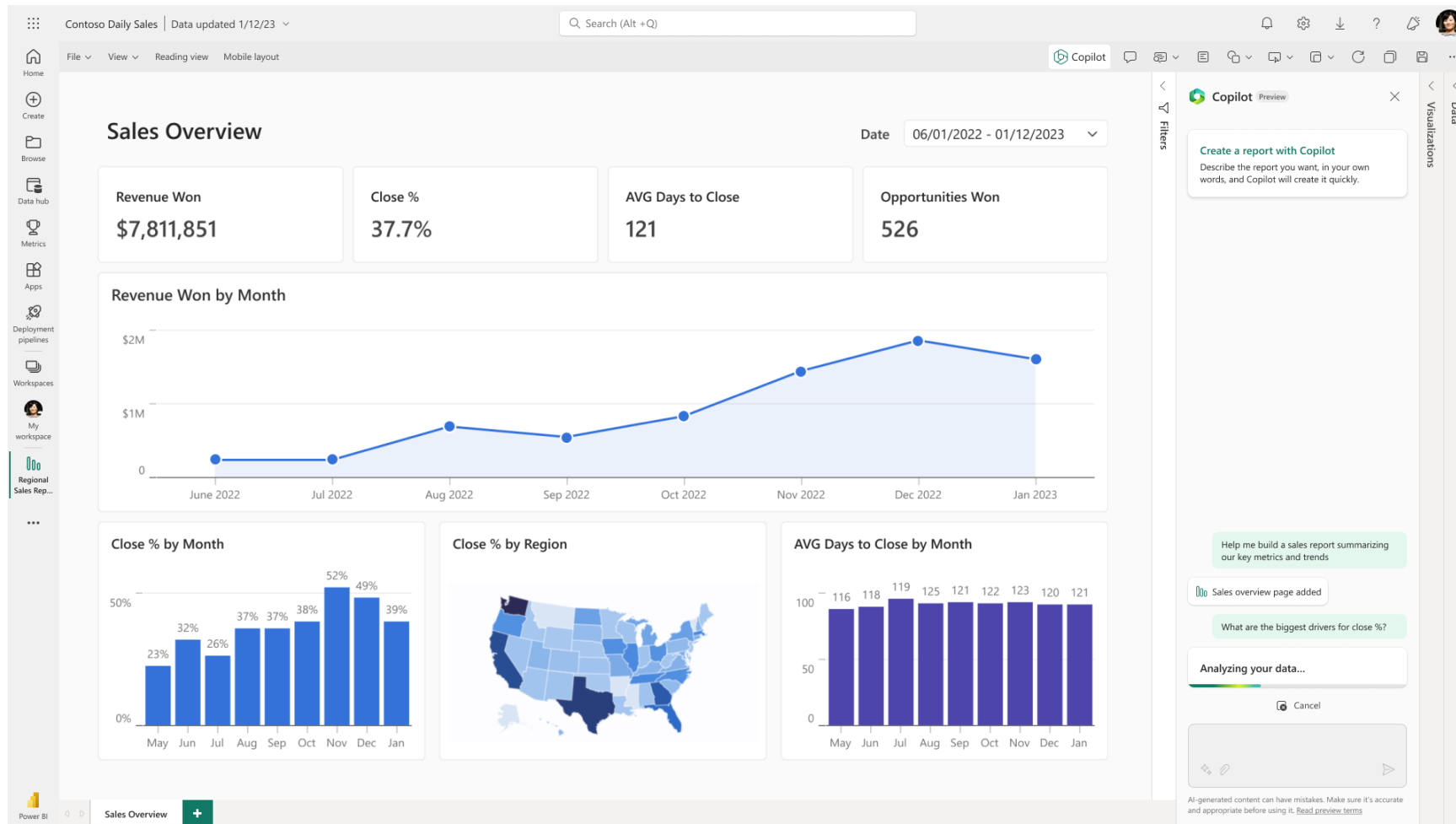


Power BI

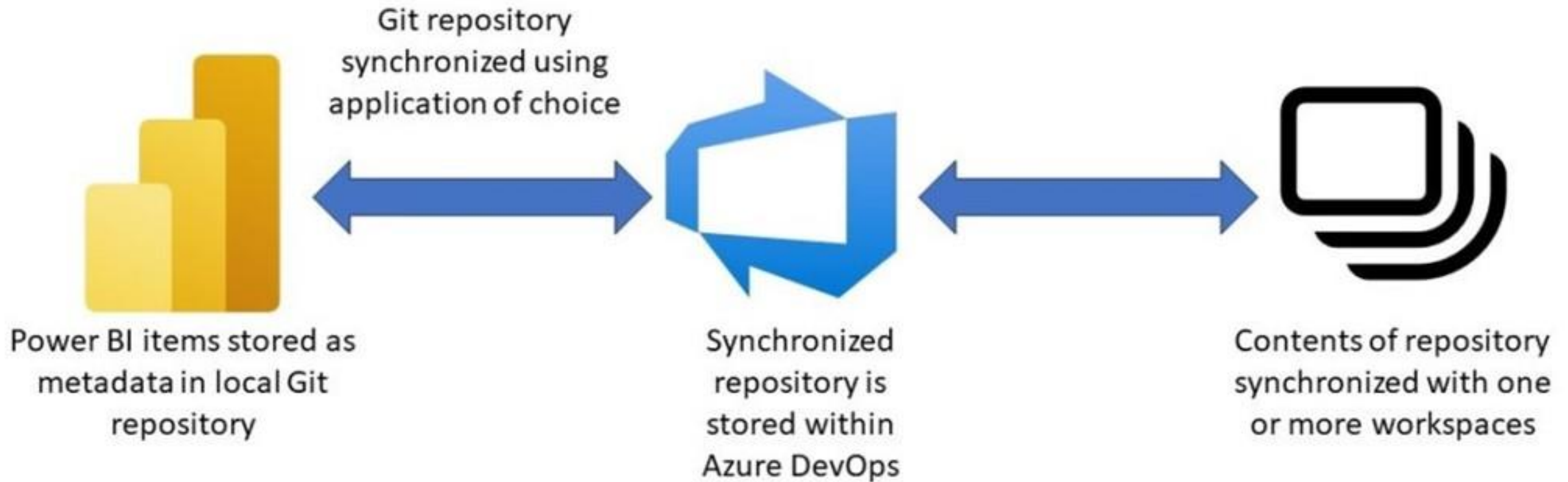
- Business Intelligence
- Deeply integrated
- Same as before, only not
- Optimizations and updates



AI capabilities



Power BI Projects



Data Activator

- Coming soon
- Constantly checks data
- Data driven++

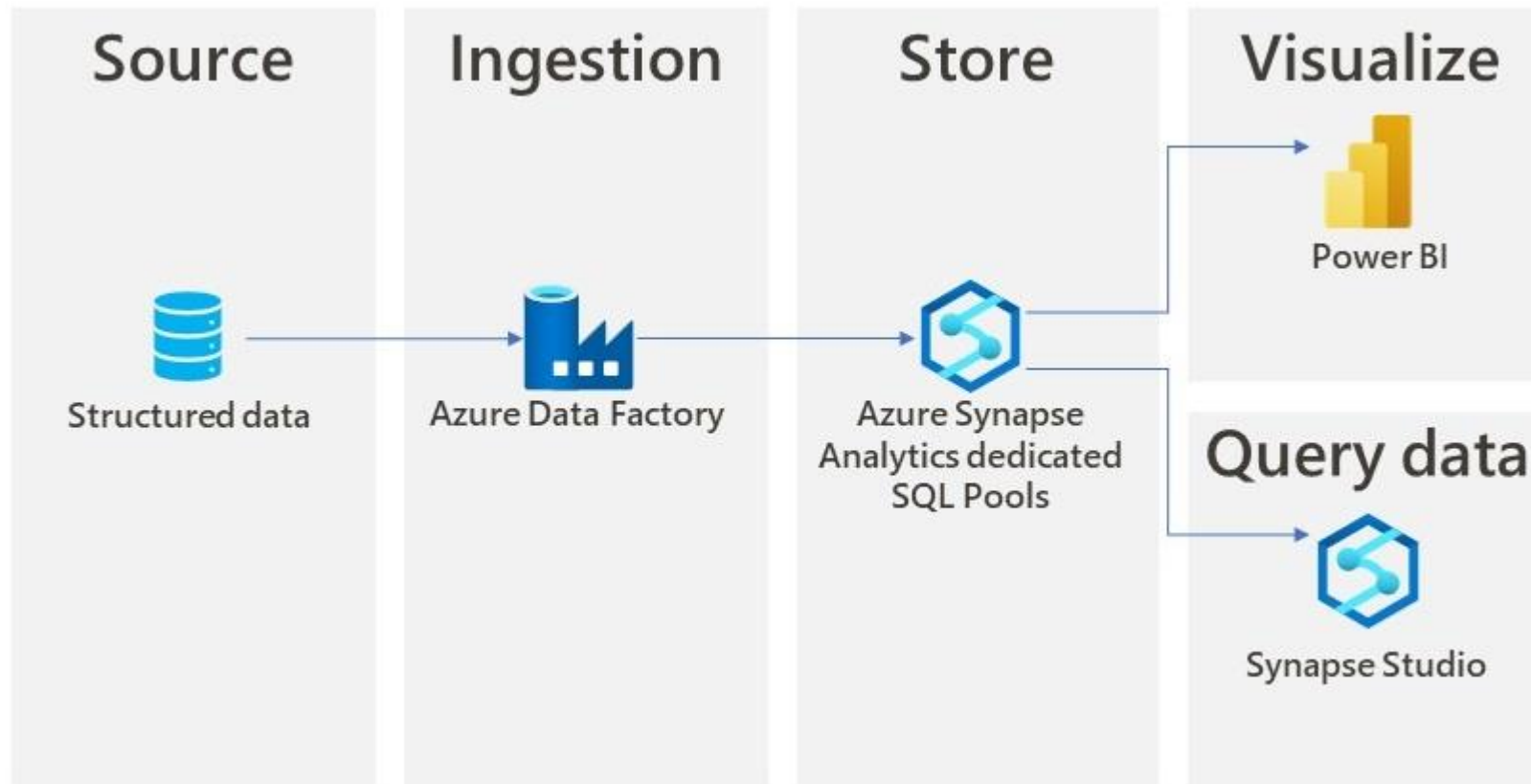


Microsoft Fabric role

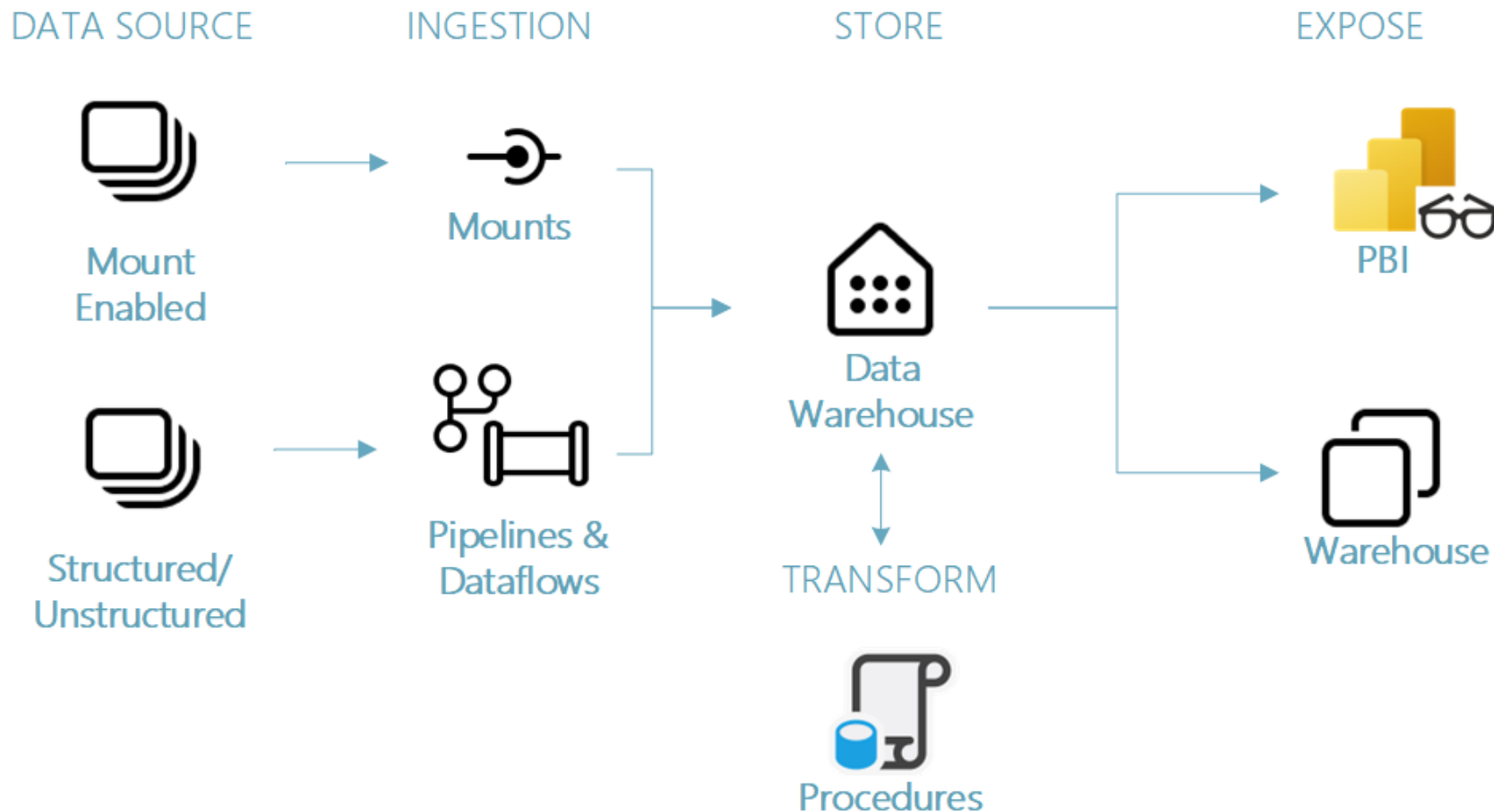
- Central point for services
- Introducing new innovations
- Compliance & Governance
- Remove friction



Integrating various services



Within Microsoft Fabric



Advice

- Various ways to get started
- Purchase capacities
- Various material online

Recommended online resources

- Fabric Digital Launch videos
- Microsoft Learn learning path
- Microsoft Fabric terms & licensing guide

Questions



Feedback



<https://forms.gle/1cAhMDuXCqa7ET32A>

Thank you



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