

Microsoft Fabric – The service that provides JUSTICE FOR ALL



Microsoft Fabric



Kevin Chant

Giving back to the community

Come and join the rest of us at blue sky by entering one of these at bskyapp.com. First come, first served.

- `bsky-social-zzwlc-p4gbj`
- `bsky-social-lpwrp-3ir4g`
- `bsky-social-e7gtr-rrrob`
- `bsky-social-d5m46-sxu7t`

Agenda

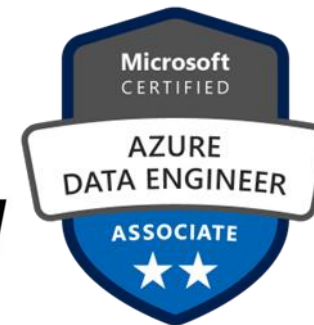
- Bio
- Introduction to Microsoft Fabric
- How it provides Justice for All
- Advice

Kevin Chant

- Data Engineering Manager in the Netherlands
- Worked in IT since release of “Load” album
- Experience in various sectors
- Various certifications, dual-category MVP



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



Managing expectations

- Demos during the session
- All public preview (no backstage passes)

Microsoft Fabric

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
(coming soon)



OneLake



In Data Moshpit terms

Large choice of instruments

Open arena

Allows everybody to play

Can write songs



Data Factory



Synapse Data Engineering



Synapse Data Warehouse



Synapse Data Science



Synapse Real Time Analytics



Power BI



Data Activator (coming soon)



OneLake

Other auxiliary services as well

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

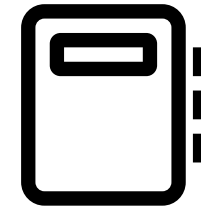
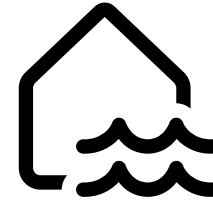
OneLake

- Unified storage foundation
- Built on top of ADLS
- Delta parquet files (z-order)
- Shortcuts



Data Engineering

- Lakehouses
- Notebooks
- Three items per Lakehouse
- Tables and files



Synapse Data Warehousing

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

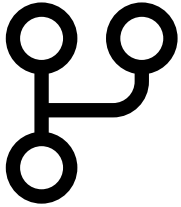
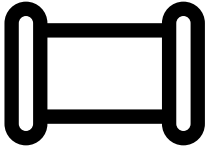


Application guest appearance



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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

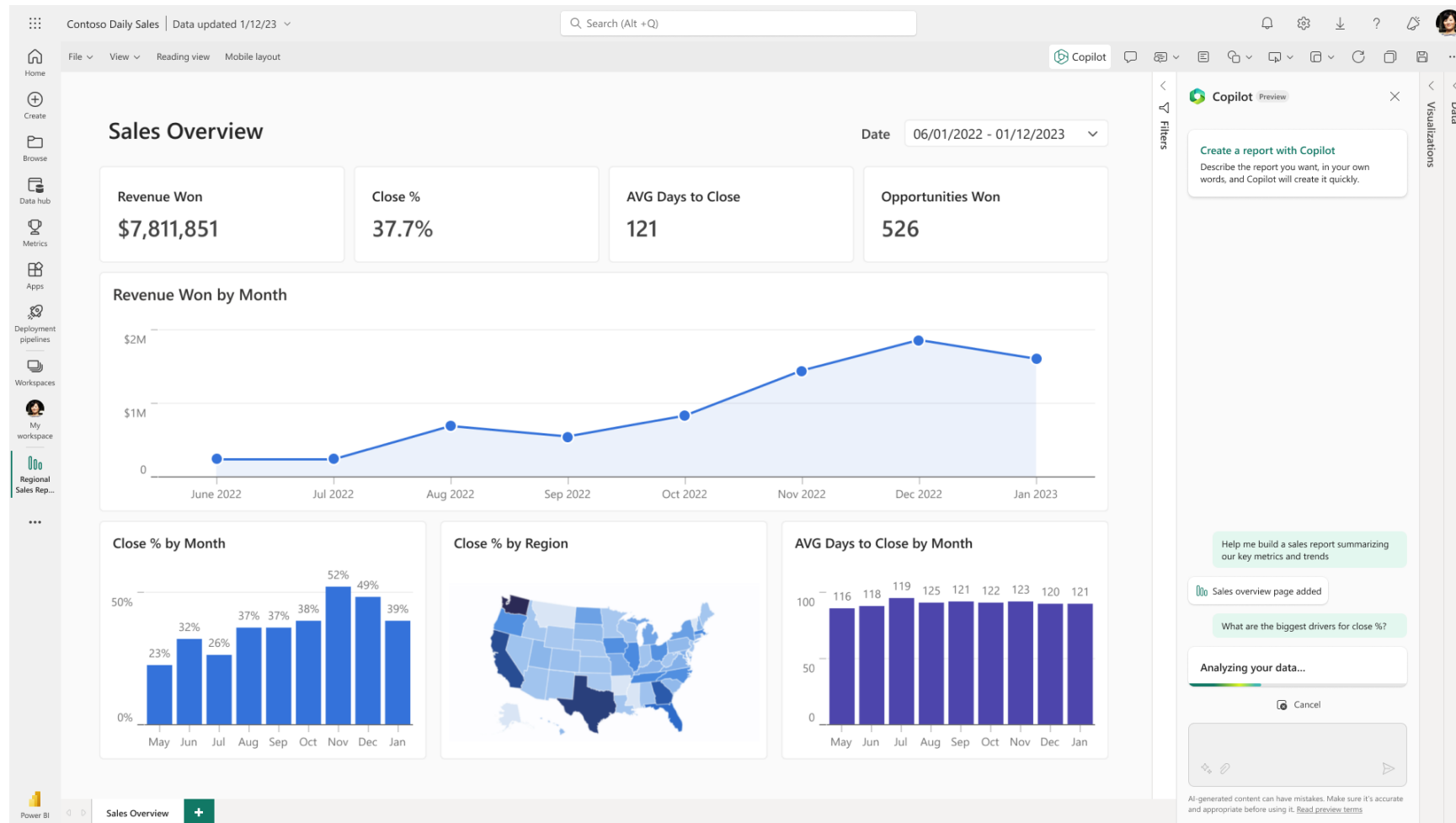


Power BI

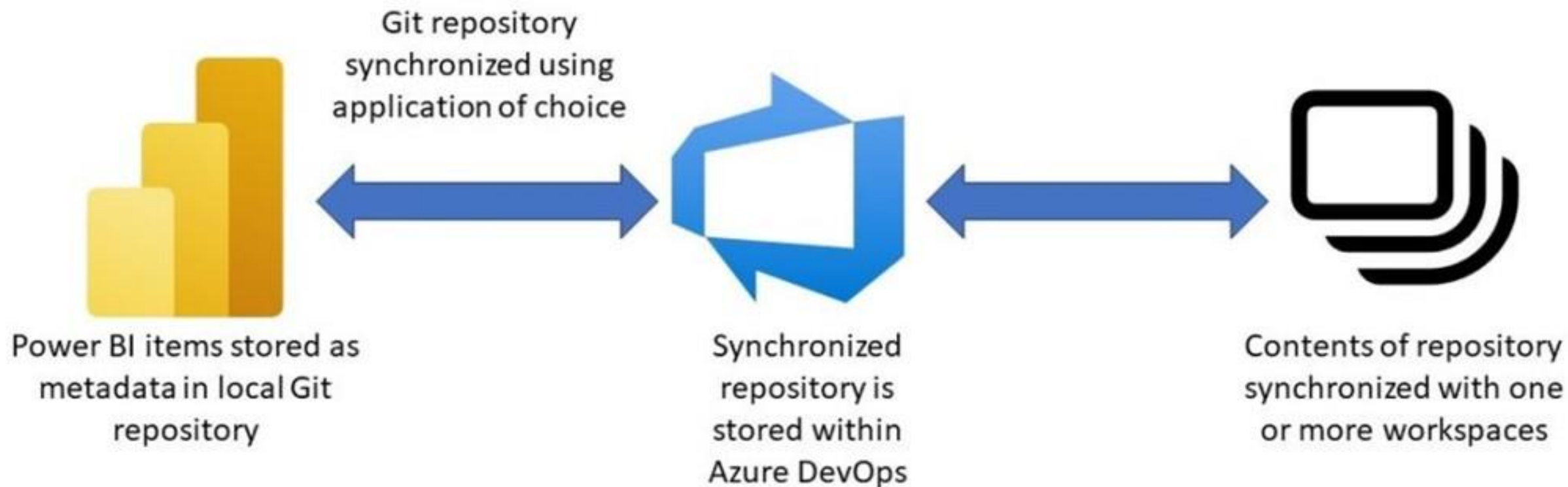
- Business Intelligence
- Deeply integrated
- Same as before, only not
- Optimizations and updates



AI capabilities



Marshall up to 11 capability



Data Activator

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

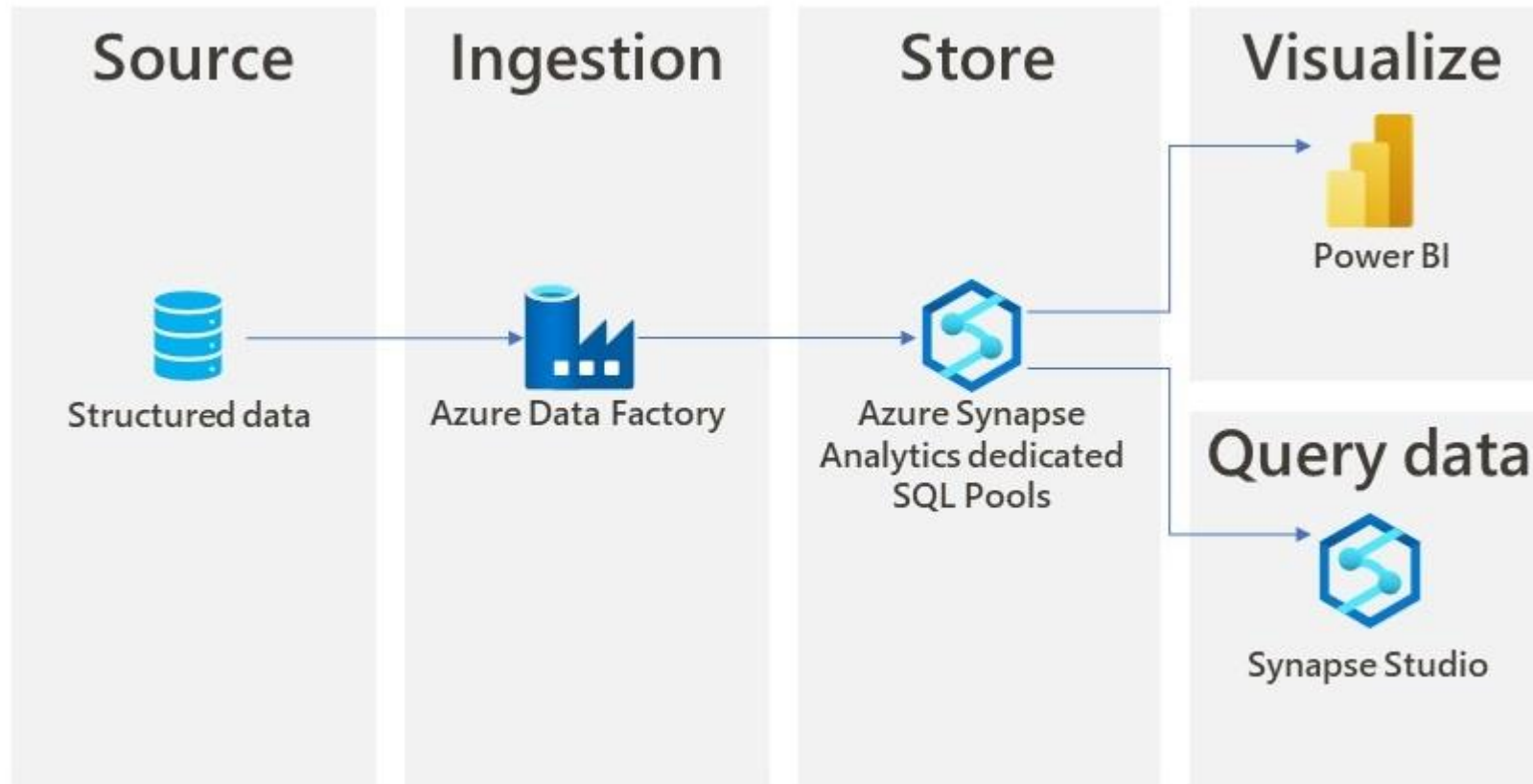


Justice for All

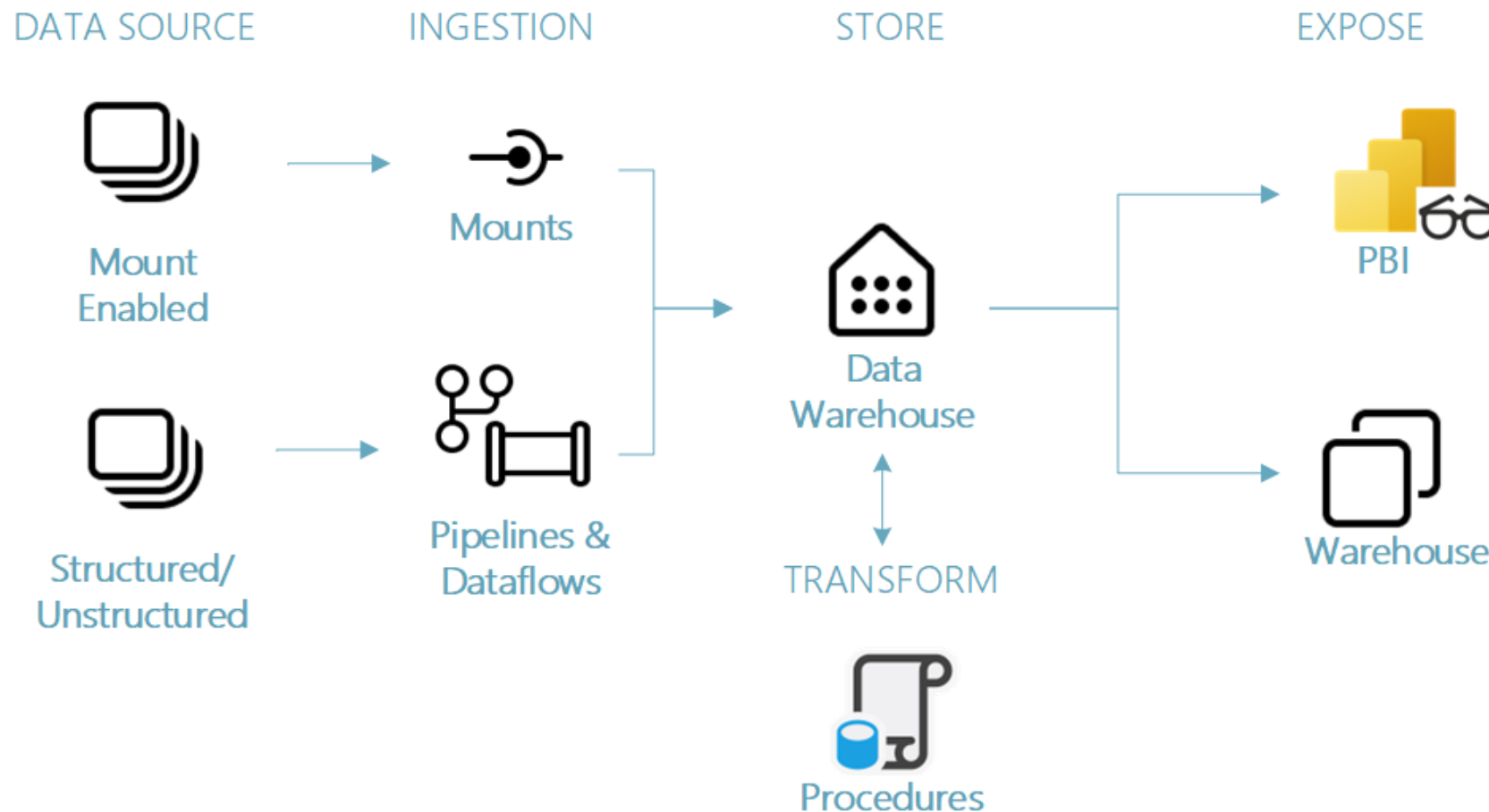
- One central point for services
- Compliance & Governance
- Removes friction



Integrating various services



Within Microsoft Fabric



Advice

- How to get a trial (read my post)
- Microsoft 365 Developer Account
- Pay-as-you-go capacity
- Various material online

Questions



Thank you



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- Blog: <https://www.KevinRChant.com>
- GitHub: <https://github.com/kevchant>