



# Cloud ODS with Microsoft Fabric

The Resurgence of the Operational Data Store



# About Me

Microsoft - Data and Analytics Global Black Belt (EMEA)

A lifetime in the IT Sector – 25 Years in Data

Industry solution experience: *FSI, FMCG, Healthcare, Pharma, Mining, Manufacturing, Transport and Logistics, Energy, Public Sector + NGO, Non-profit, Professional Services, Local and National Government, Defense, Aviation, Education and Retail.*



## Agenda

1. Microsoft Fabric Overview
2. ODS and Application Architecture
3. Cloud ODS
4. QnA



# Microsoft Fabric





# Microsoft Fabric

The unified data platform for AI transformation

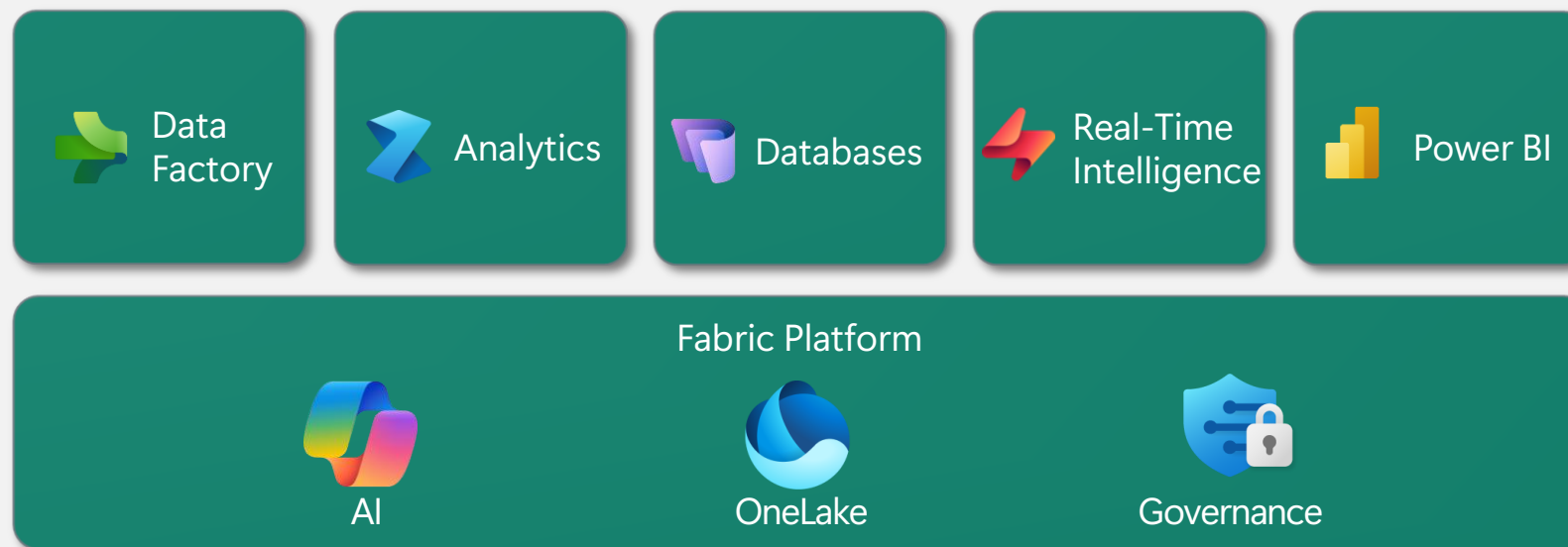
**AI-powered  
data platform**

**Open and AI-ready  
data lake**

**AI-enabled  
business users**



# Microsoft Fabric



The unified data platform for AI transformation

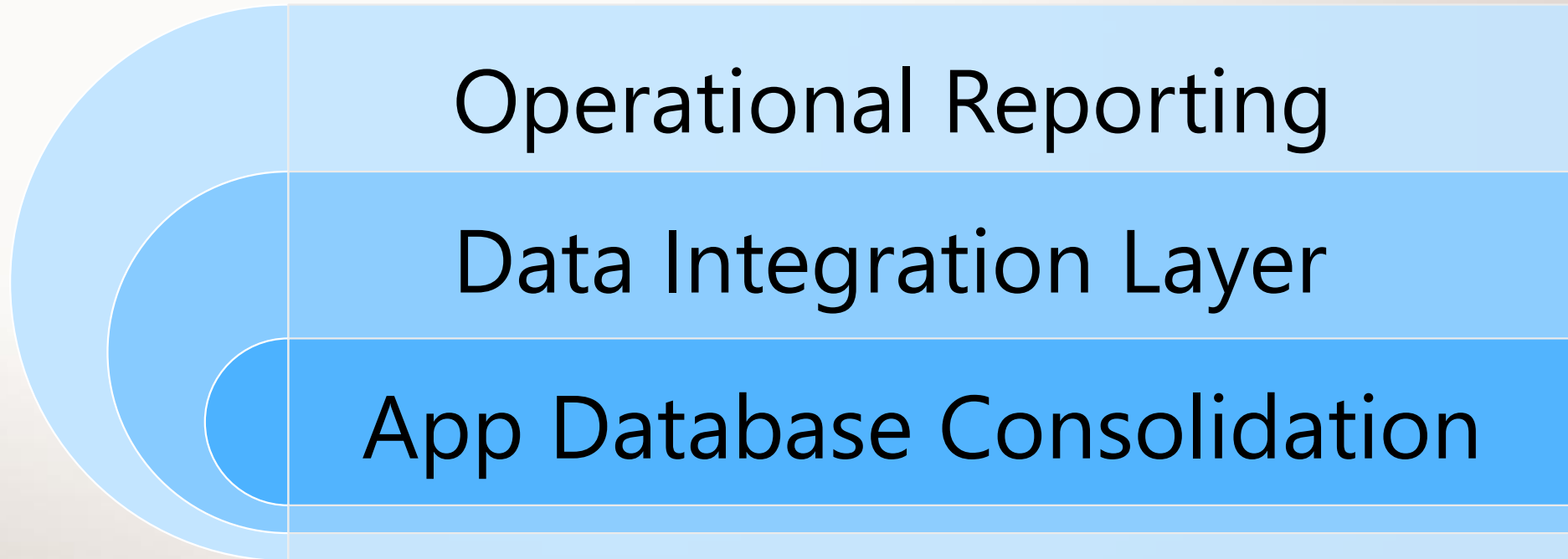
## Single...

- Onboarding and trials
- Sign-on
- Navigation model
- UX model
- Workspace organization
- Collaboration experience
- Data Lake
- Storage format
- Data copy for all engines
- Security model
- CI/CD
- Monitoring hub
- Data hub
- Governance & compliance

# ODS and Application Architecture

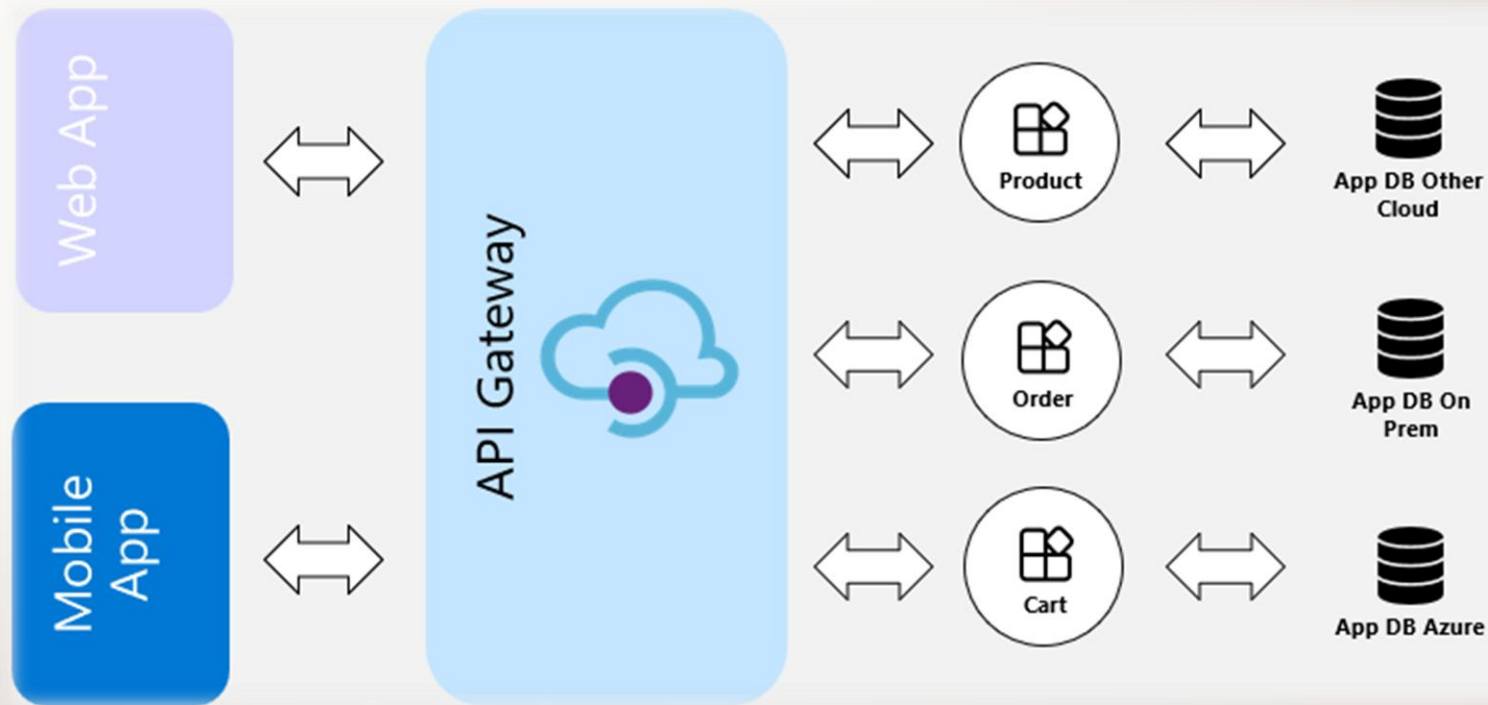


# Operational Data Stores

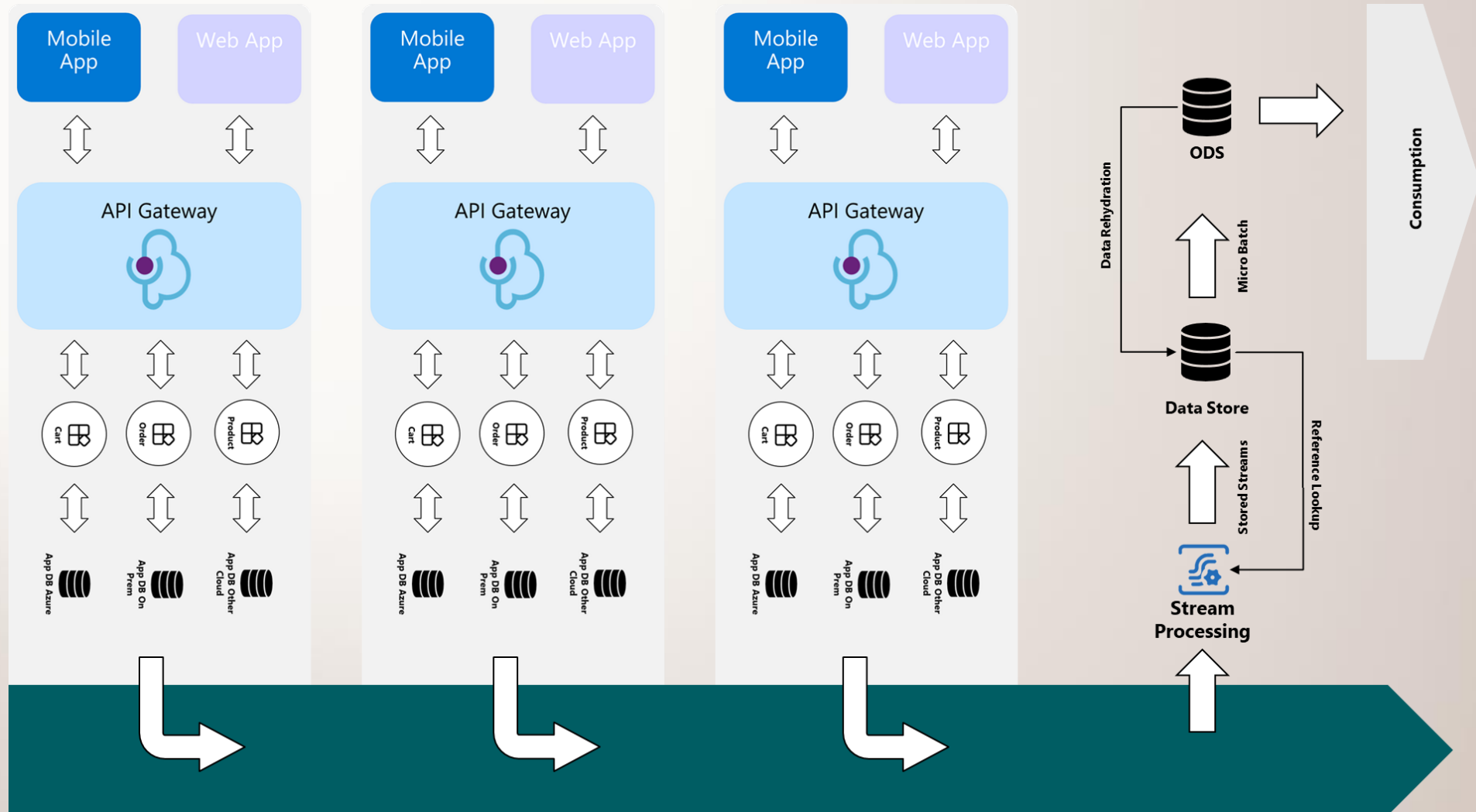




# Micro Service Architecture



# Micro Service Architecture





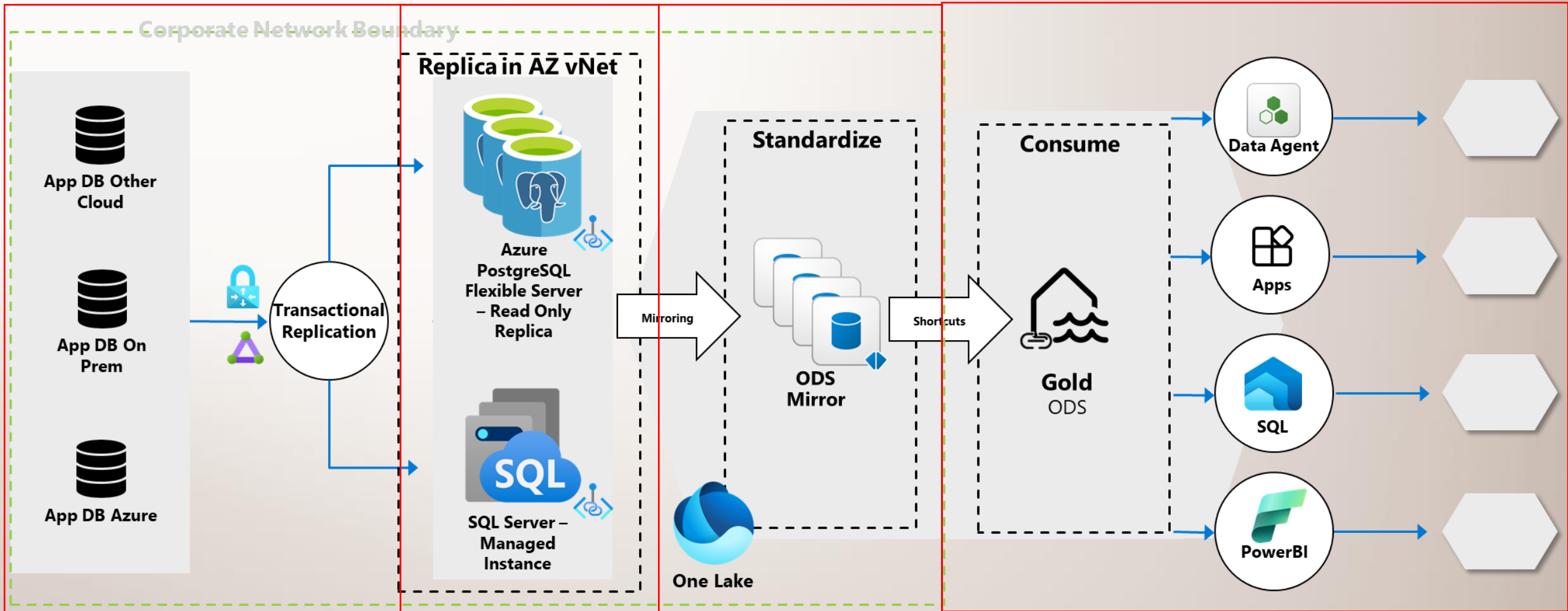


# Cloud ODS

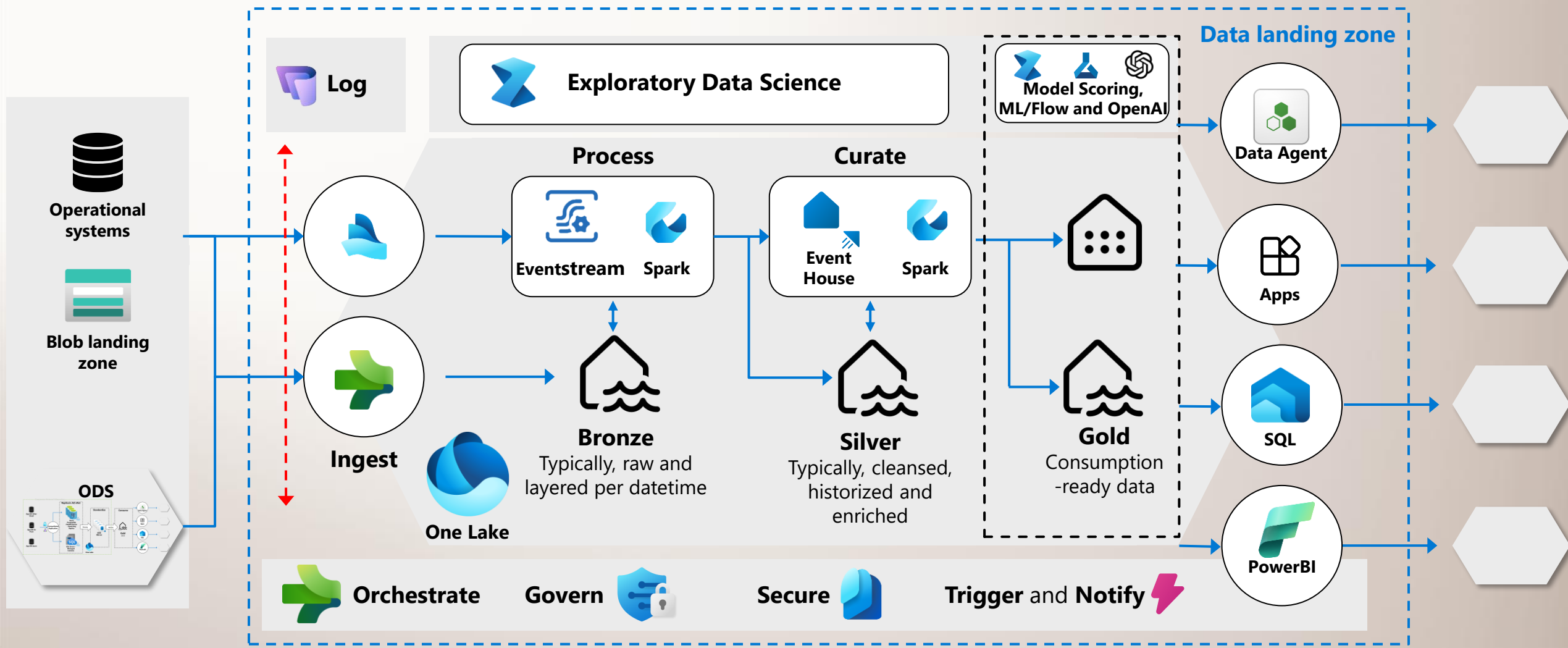




# Cloud ODS



# End to End Analytics with Microsoft Fabric





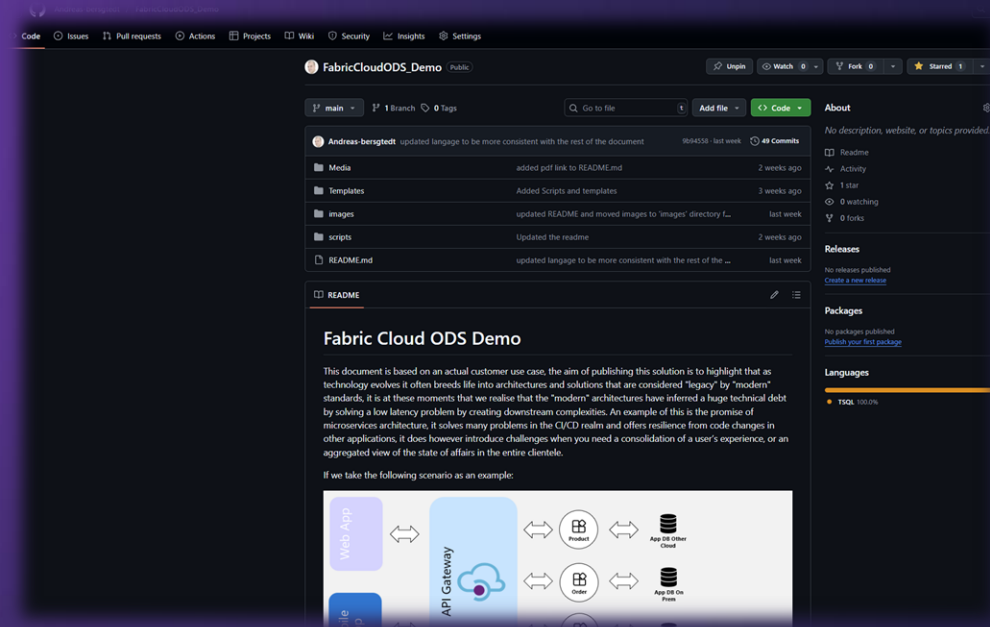
# Key Take Aways

- Microsoft Fabric and the Azure echo system enables cost effective and scalable data solutions that breaths life into legacy concepts.
- Fabric as a low latency ODS enables in app Agentic experiences
- The implementation is low cost and low overhead with no change required for the source application or its hosting.





# Thank You



[https://github.com/Andreas-bersgtedt/FabricCloudODS\\_Demo](https://github.com/Andreas-bersgtedt/FabricCloudODS_Demo)