
CONVERGENCE | AI + ERP
MIAMI | 2025
Build Agents with Microsoft Fabric & Copilot Studio for Dynamics 365 & Power Platform
Sponsored By Microsoft
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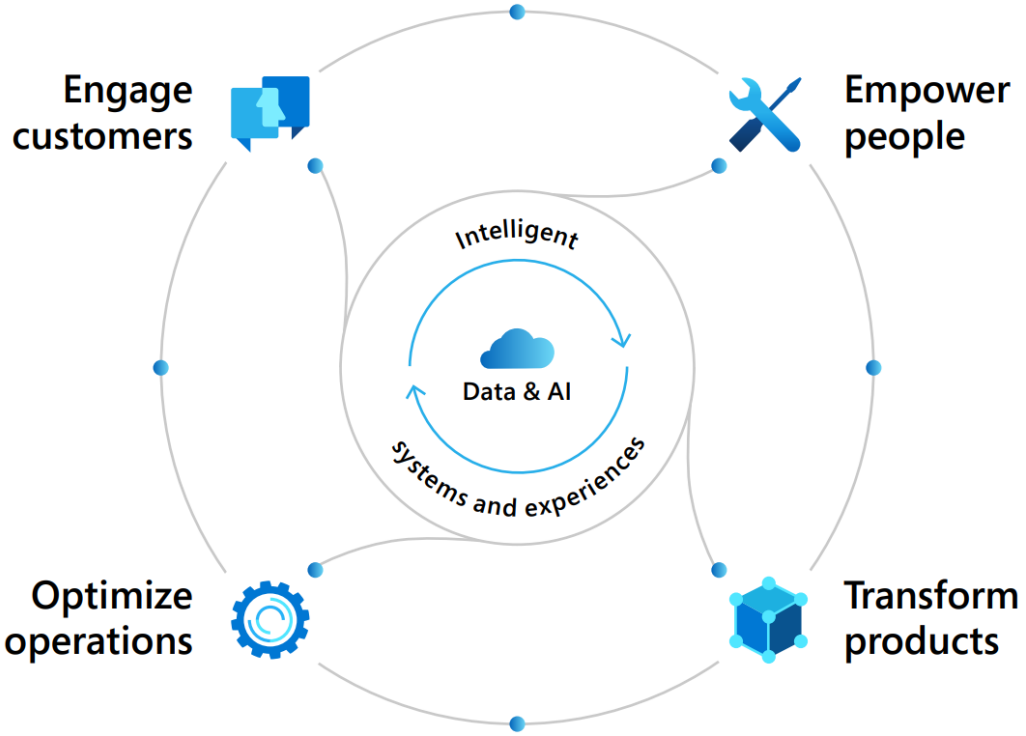
Agenda

- Importance of data in business apps
- Tools available to make data access easy
  - Link to Microsoft Fabric
  - Business Performance Analytics
- Analytics and data agent experiences
  - BPA Analytics Agents
  - Fabric Data Agents
  - Copilot Studio Agents
- Q&A

Importance of Data in Business Applications



- Data is the key to organization success.
- Data in the business app when harnessed enables organizations to
  - Engage customers
  - Empower people
  - Optimize operations
  - Transform products
  - Optimize operations
- Data is the lifeblood of AI

AI innovation by getting your data AI ready

Establish a central repository for all data

1

Integrate disparate data sources into a unified data platform and data lake

OneLake

Prepare data for AI innovation

2

Improve the quality of your data, to ensure it is complete, accurate, and governed

Microsoft Fabric data experiences

Build generative AI experiences on top of your data

3

Enhance the breadth and depth of data-driven experiences by creating an AI solution

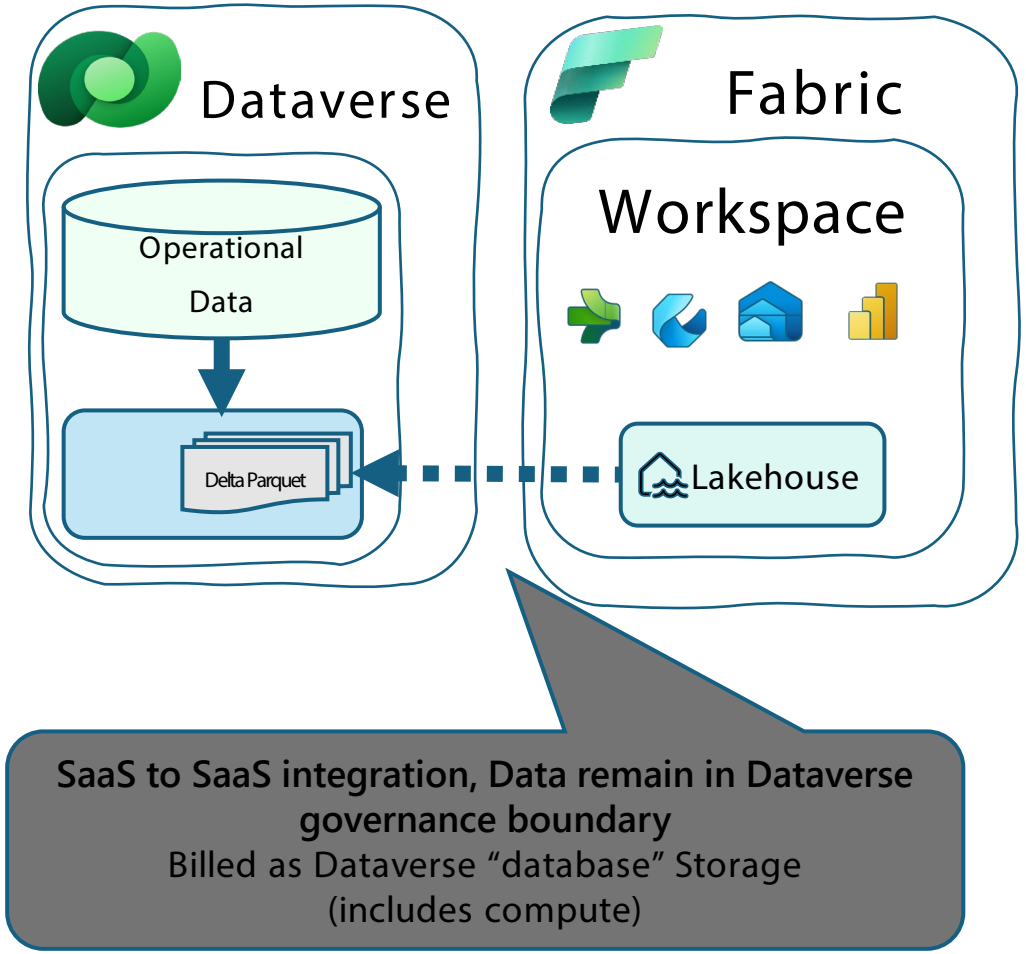
Copilot Studio

Azure AI Foundry

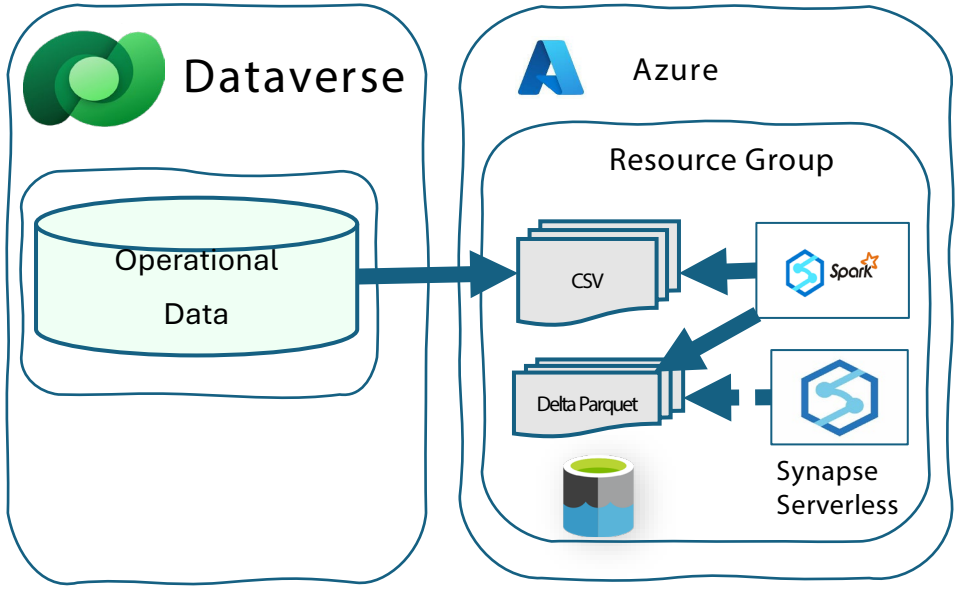
Tools available to make data access easy

- Microsoft Fabric
- Synapse Link
- Link to Microsoft Fabric
- Business performance analytics

Link to Microsoft Fabric



Synapse Link



SaaS to PaaS Regular export to Azure Data lake / Synapse
Compute and Storage billed by Azure + costs of customer's own management of Azure.

Comparing Fabric Link and Synapse Link

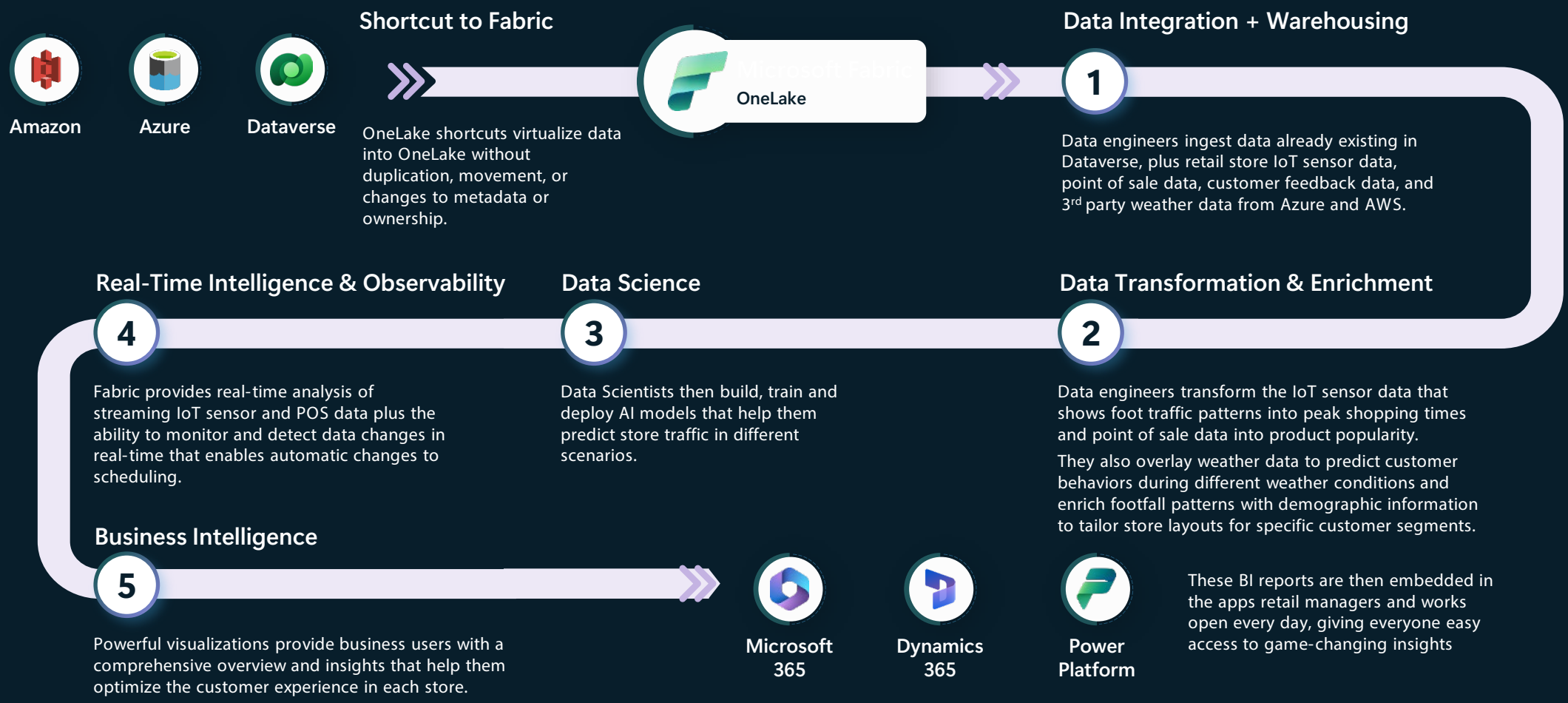
	Link to Microsoft Fabric	Synapse link
Architecture	• Simplified architecture SaaS to SaaS Integration • Microsoft managed direct integration with Fabric. • Data stays in Dataverse, secure and managed.	Export data to your own storage account and integrate with Azure Synapse, and other tools. Data gets copied to your Data Lake in Customer's Azure Subscription.
Data staleness	Recent improvements reduce data staleness to 5-10 minutes for new Fabric Link. Existing Fabric link will transition automatically in coming months	Select your trigger frequency (minimum 5-minute) = Data staleness = 5 + conversion time. Conversion time can vary on data size, changes and compute allocated = Min overall staleness 30 - 60 minutes
Cost	Consumes additional Dataverse storage. • No additional compute cost • Approx~10x data compression due to delta parquet format • Total estimated increase in storage Dataverse storage ~5% • FnO users also provide Dataverse storage entitlements to utilized with Fabric Link.	Consumes Azure storage and Synapse Spark compute. • Lower Storage Cost • Higher Compute Cost: Synapse spark pool usage varies based on update frequency and conversion time. (Pay as you go model)
Data Access	• Databricks and Snowflake engine can read without copy • Fabric Copy jobs enables low code incremental copy option using Deltalake CDF • OneLake supports the same ADLS Gen2 APIs and SDKs to be compatible with existing applications. including Azure Databricks, Snowflake etc.	Synapse link Data is stored in ADLS Gen 2 and can be accessed by third party application such as Databricks, Snowflakes and others engine.

Link to Microsoft Fabric – Recent updates

1. Unselect Dataverse tables – reducing the Dataverse storage cost
2. Decrease incremental data staleness from ~1 hour to ~5 minutes (New Fabric Links)
3. Fabric Workspace Identify and SPN support for authentication
4. Lakehouse/Warehouse Case Insensitive Collation
5. Various quality and reliability fixes

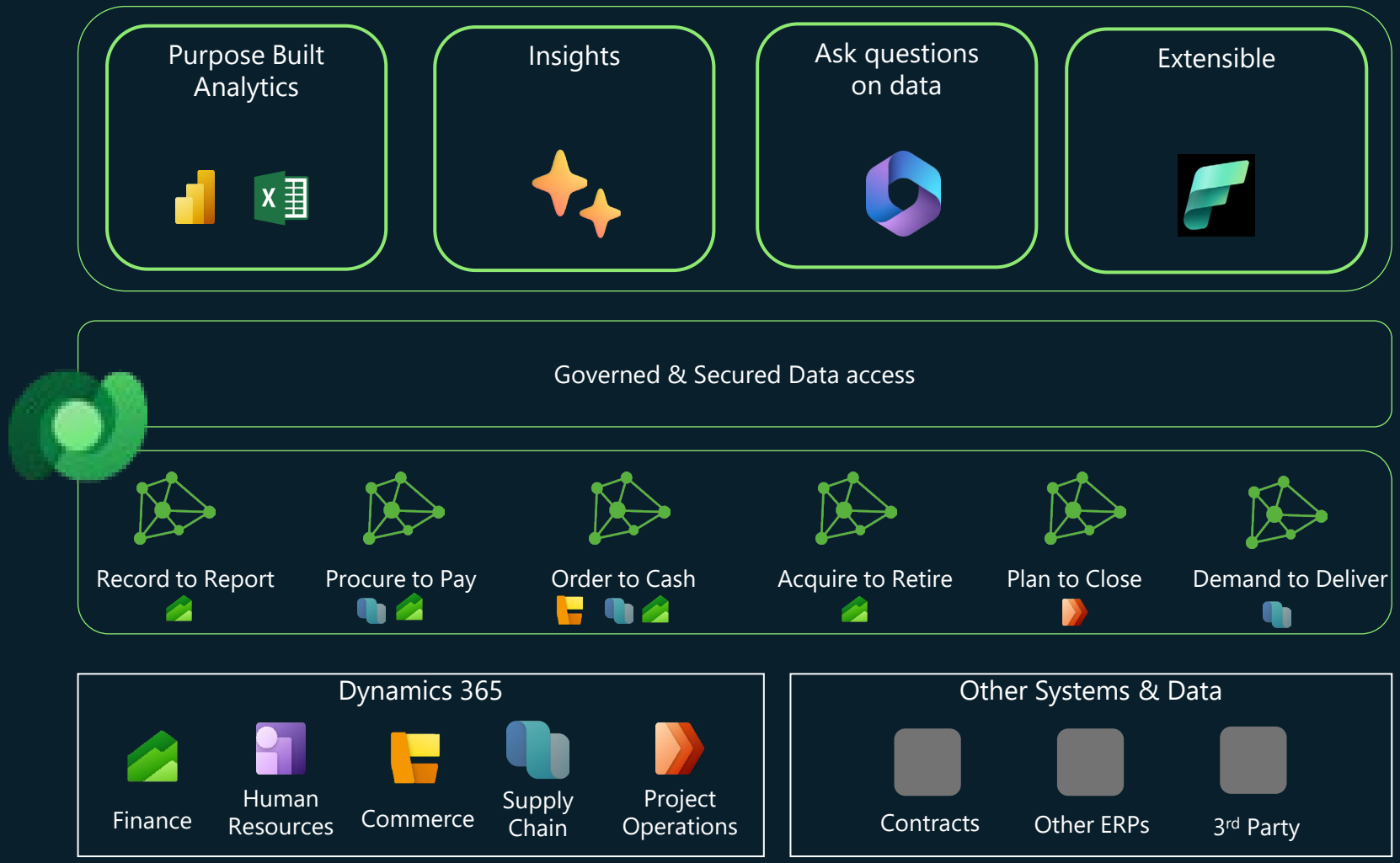
An illustrative retail example

Microsoft Fabric workloads in action



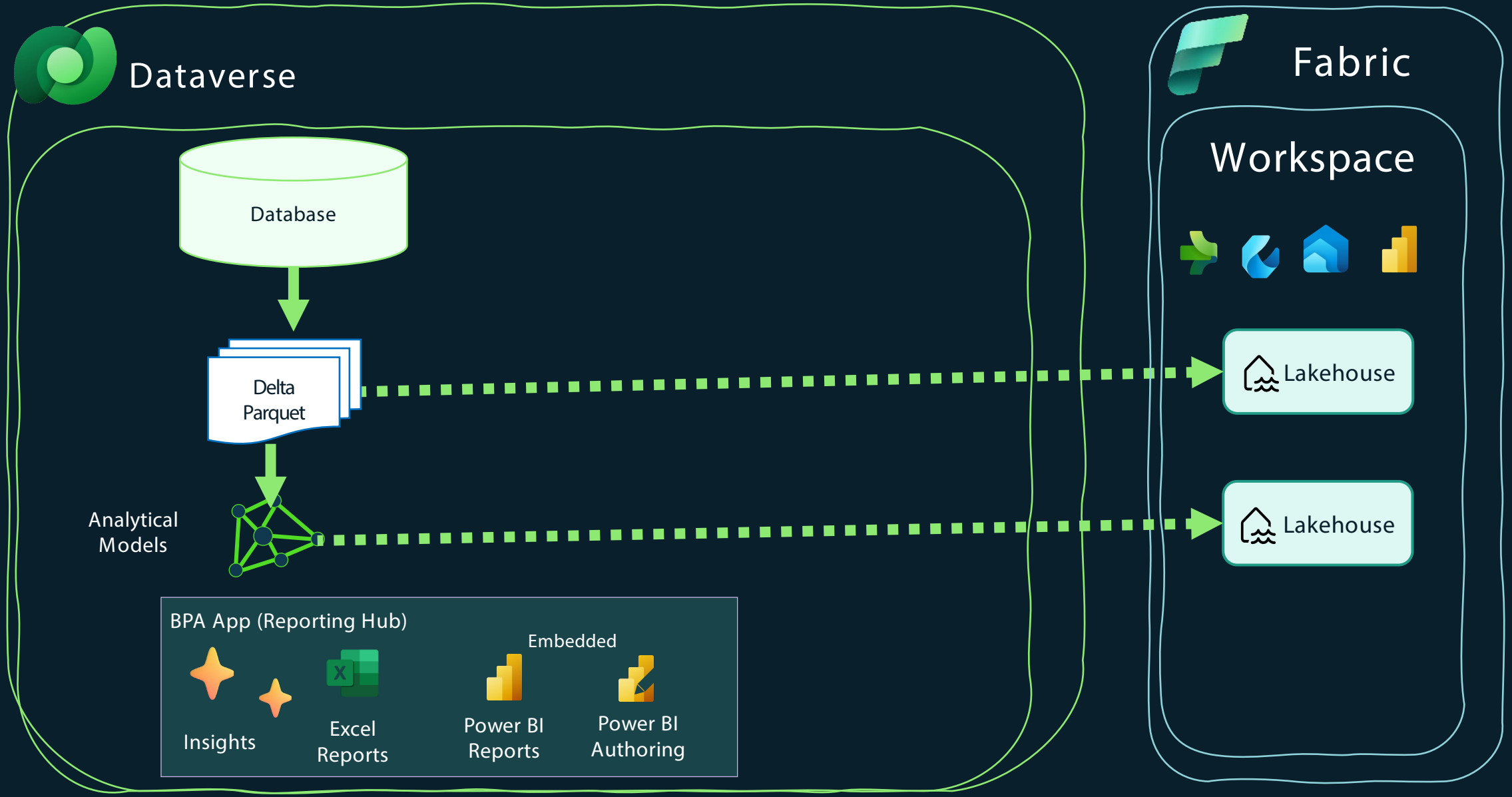
Business Performance Analytics

Turn data into action to improve business performance

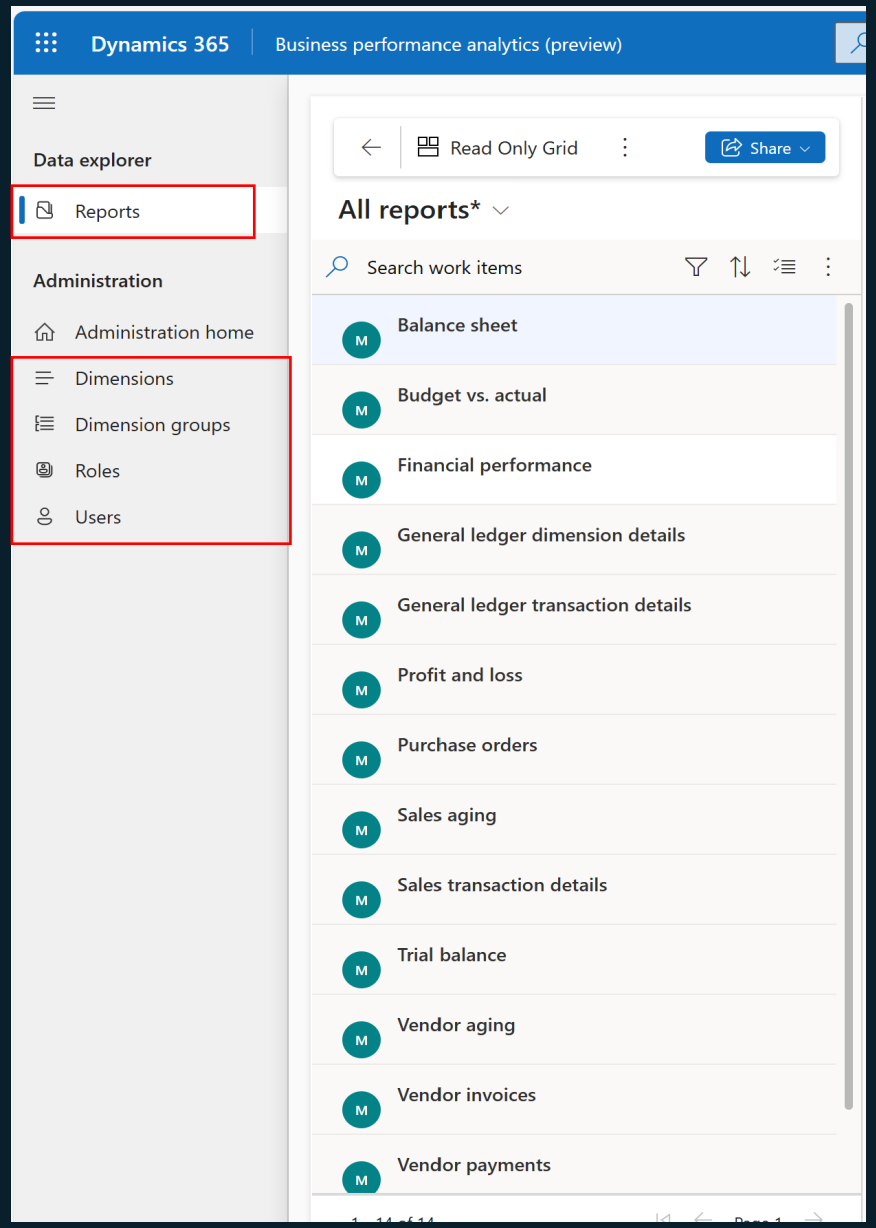


*Models listed are subset of models we plan to deliver

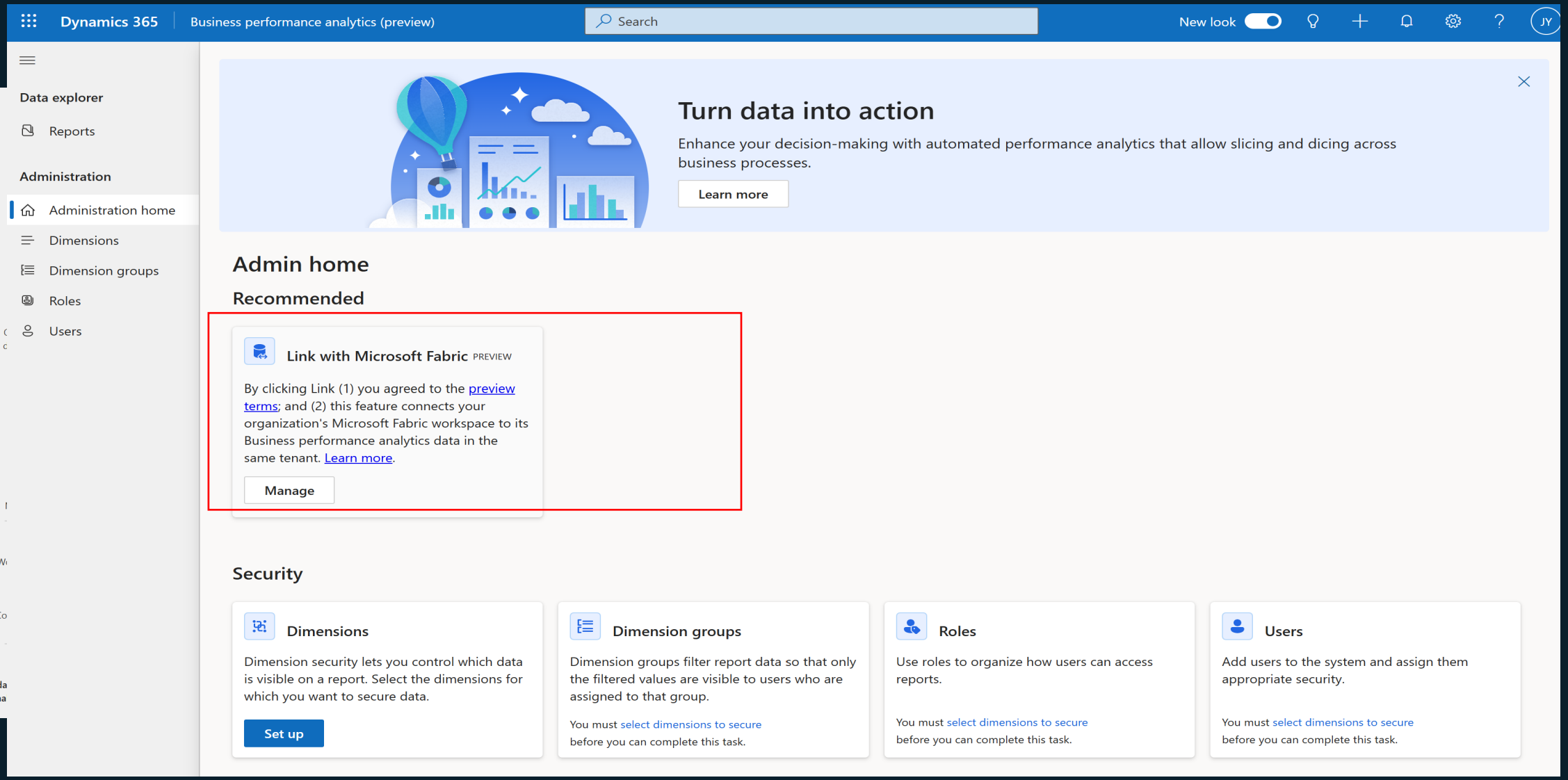
BPA Architecture



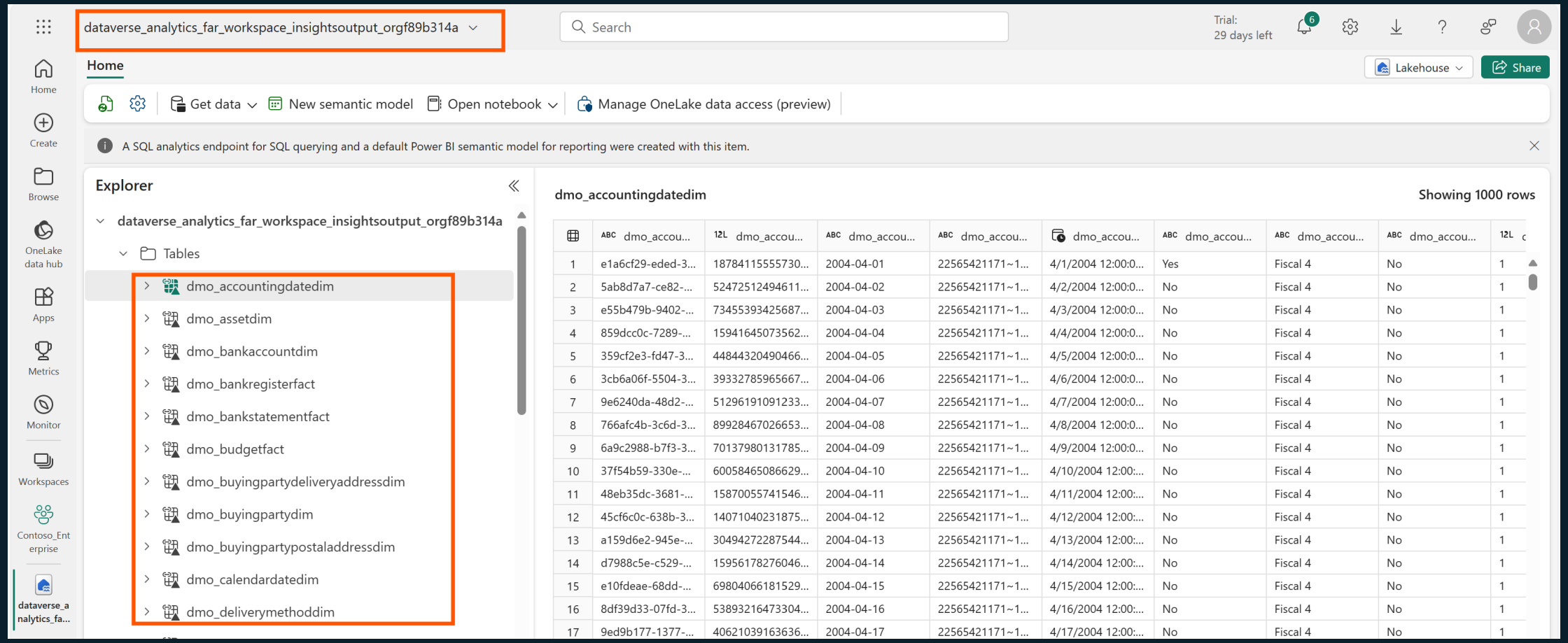
Business Performance Analytics



Business Performance Analytics



Business Performance Analytics



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Analytics and data agent experiences

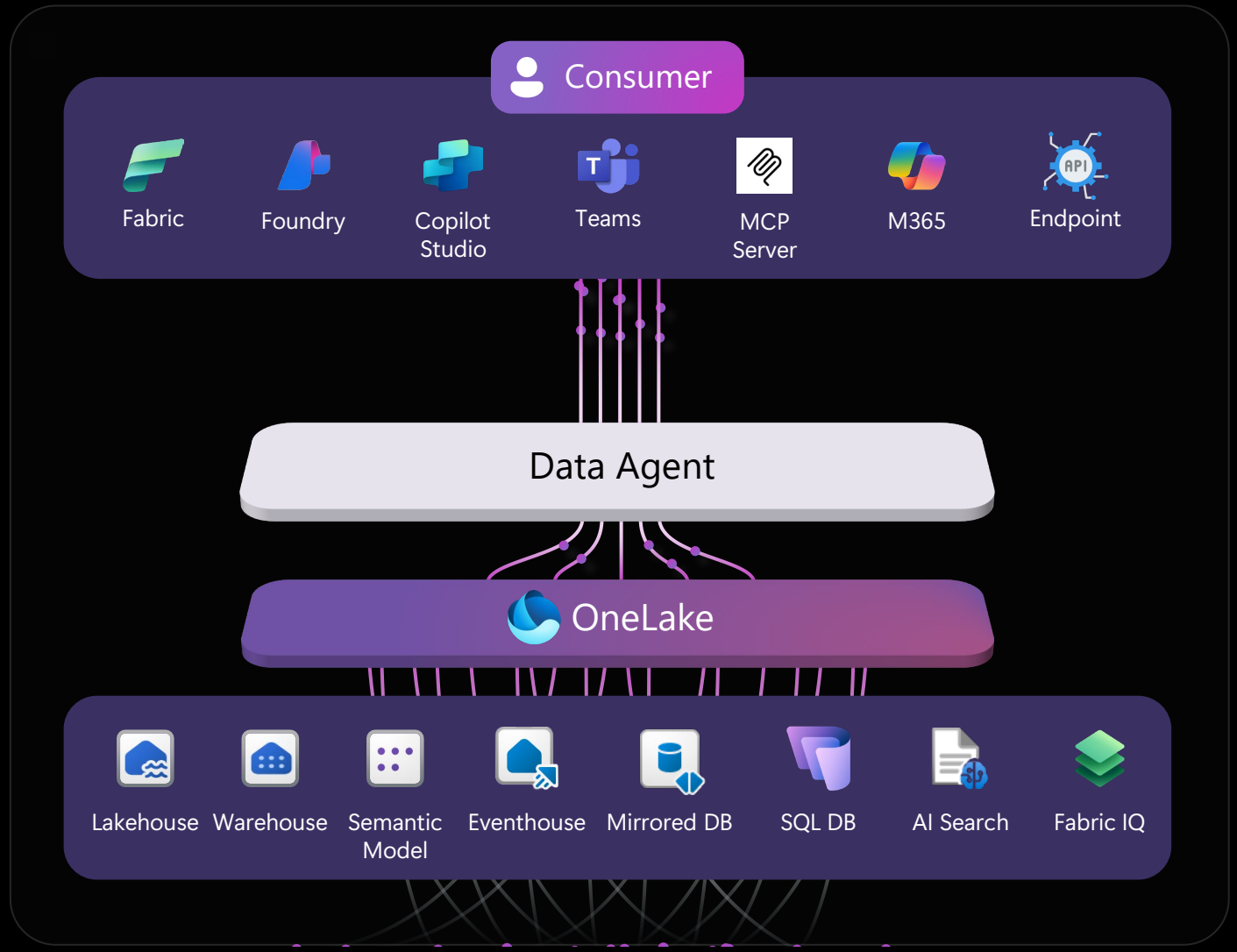
- BPA Analytics Agents
- Fabric Data Agents
- Copilot Studio Agents

BPA Analytics Agent

- Demo

Fabric Data Agents

Fabric data agents



A **virtual analyst** that allows users to interact with and gain insights from enterprise data in OneLake

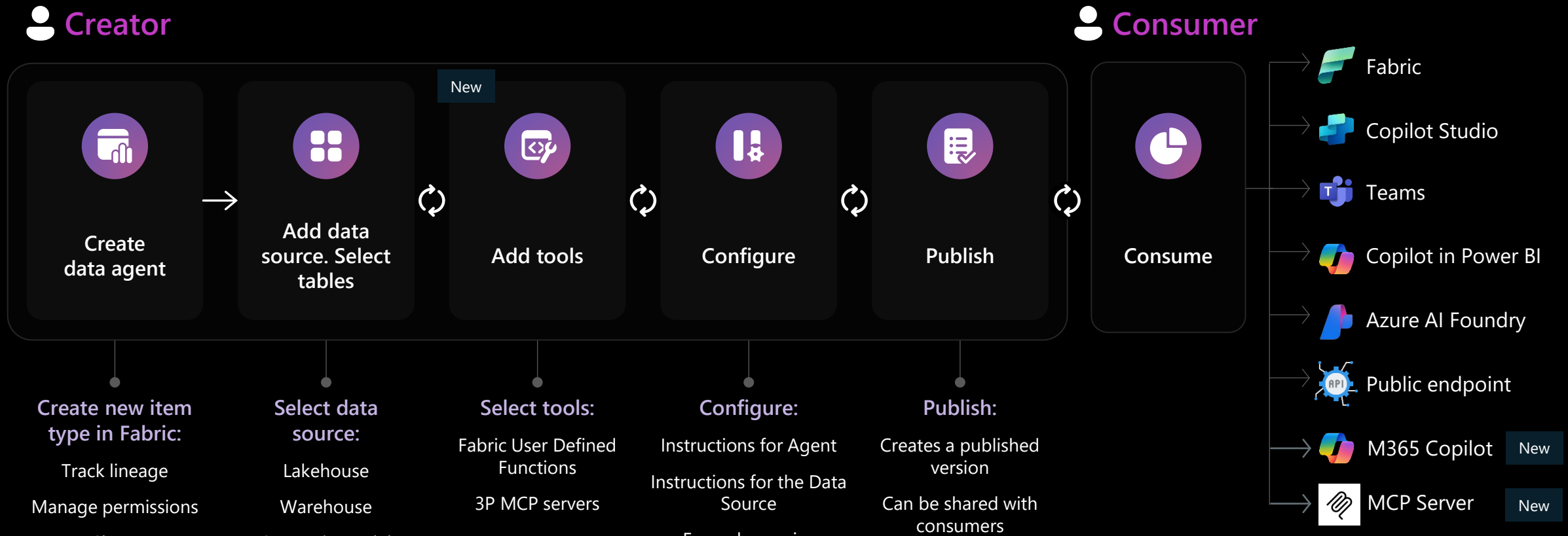
New Consume your data agents in **M365 Copilot** and as **remote MCP Server in VS Code**

New Data agents now support unstructured data through **Azure AI Search**

New Data agents now support **Fabric IQ Workload through Ontology**

Data Agent End-to-End Flow

How to create and consume a Fabric data agent



Fabric data agents – Use cases

1. Inquiry agents
   - Product search
2. Root cause analysis
3. Fraud and anomaly detection

Fabric data agents

- Demo

Fabric Agent and Copilot Studio Integration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QUESTIONS
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- Importance of data in business apps 10 min
  - Organization to improve quality, product and customer experience
  - Data is fuel for the AI
  - Now data needs to be near real time
- Tools available 10-15
  - Fabric Link
  - BPA
  - Microsoft Fabric
- Agents make it better 25 minutes
  - BPA MCP – financial analysis – how much current revenue, which business unit is doing bad ?
  - Fabric Data Agents
    - Inventory variance analysis
    - Root cause analysis – Sales order delayed due to different events like shipment , inventory etc
- Q&A -10 min