Fabric

Why Organizations Should be Leveraging Microsoft Fabric - A Webinar

July 24, 2025

eGroup
ENABLING TECHNOLOGIES

Housekeeping Items

CONTENT AVAILABILITY

- The recording and slide deck will be sent to all registrants via email.

NEED YOUR INPUT

- We will be polling the audience during this webinar. Your input will shape the discussion!

CHAT AWAY!

- Let’s keep it interactive! In addition to the polls, we will watch the chat and reply whenever possible.

Meet Your Presenters

Kai Andrews

Data & AI Practice Director

Email | LinkedIn

Cameron Prill

Senior Data & AI Architect

Email | LinkedIn

Jennifer Holcombe

Data & AI Engineer

Email | LinkedIn

What We Do

Microsoft 365

- Exchange Online
- OneDrive
- Microsoft Teams Phone, Meetings, Rooms
- Endpoint Management
- SharePoint
- Microsoft 365 Copilot

Microsoft Azure

- Azure Migrations
- Entra ID
- Azure Storage
- Azure VMware Solution
- Nutanix Cloud Clusters

Modern Datacenter Architecture

- Nutanix
- Cohesity
- Cisco
- VMware (Broadcom)
- Pure Storage

Security & Compliance

- Microsoft 365 Security
- Microsoft Intune
- Microsoft Purview
- Azure Security
- Arctic Wolf
- ThreatHunter MXDR

Virtual Desktops

- Azure Virtual Desktop
- Citrix
- Horizon

Data, AI, Apps & Automation

- Azure
- Azure Open AI
- Custom Agents
- Microsoft Power Platform
- Microsoft Fabric

Business Transformation Services

- Organizational Change Management
- Strategic Advisory Services
- Cloud Service Provider
- Licensing Optimization

Disaster Recovery

- Azure Site Recovery
- Nutanix
- Zerto (HPE)

Cloud Data Protection

- Rubrik
- Cohesity

Networking

- Cisco
- Meraki

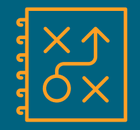
Managed Services to Support All Solutions

How We Do IT

> eGroup Enabling Technologies has a plan and process to facilitate successful adoption of complex technology. Their approach is very practical, and end-user focused and has helped us plan and communicate better and respond more effectively across the company.
>
> **Neal Guernsey** CIO at SGT

Consulting & Advisory

- Strategic Planning
- Tabletop Exercises
- Roadmaps & Budget
- Incident Response Planning
- Cost Optimization



Planning & Design

The core of every successful initiative starts with thoughtful planning, design, and a shared vision for the outcome(s) desired.

Pilot & Execute

Project success is founded in the validation of outcomes through testing. Meeting project timelines is achieved through the swift execution of planned tasks.

Managed Services

- ThreatDefender MXDR
- Managed Azure
- Managed AVD
- Managed Servers
- Managed Endpoints
- Managed DR
- Managed Backup

Organizational Change Management (OCM)

Why We're Different

- 9x Microsoft Partner of the Year
- 30+ Years of Experience
- Year-Over-Year 98%+ Customer Satisfaction Score
- Strategic Advisory Services
- Award-Winning Organizational Change Management Team
- We're 1 out of 18 Nutanix Premier Partners nationwide
- Fully-Internal; U.S. based Managed Services Team
- Our Managed Security Services Team customizes response mechanisms (integrate vs. overwrite) with the client's current operations and processes
- Microsoft Intelligence Security Association (MISA) Member

OUR MICROSOFT ADVANCED SPECIALIZATIONS

Modern Work

- Teamwork Deployment
- Calling for Teams
- Endpoint Management

Security & Compliance

- Information Protection & Governance
- Threat Protection
- Identity & Access Management
- Cloud Security

Azure Apps & Infrastructure

- Azure Virtual Desktop
- Azure VMware Solution
- Infra and Database Migration to Azure

eGroup
ENABLING TECHNOLOGIES

Goal

Dive into Microsoft Fabric and understand its place in an organization's modern data architecture. We will also see data ingestion, transformation, storage and analytics examples in action.

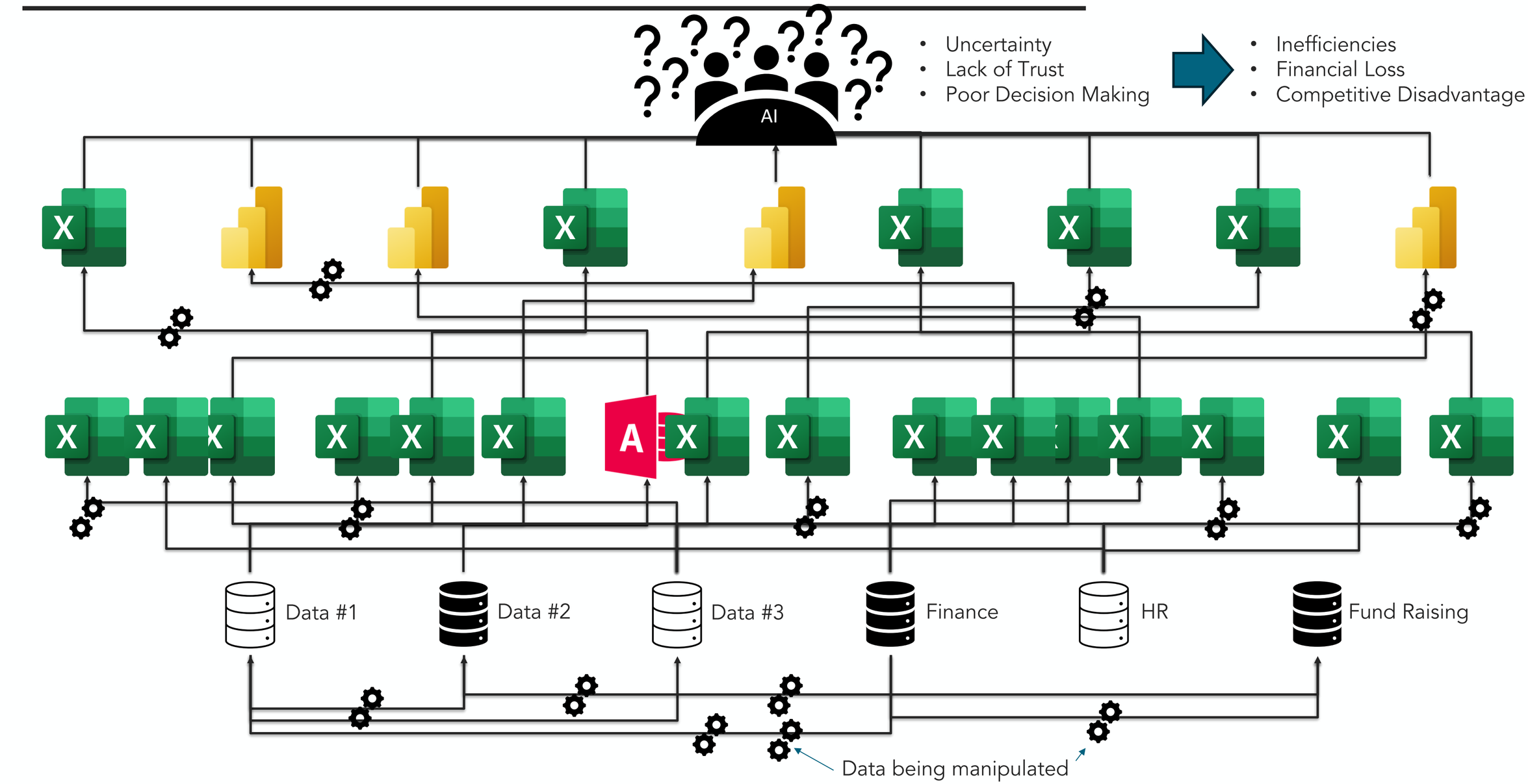
Agenda

1- Fabric Overview
    - Why Fabric
    - Capacity & Pricing
    - Implementing Solutions
    - Governing Data
2- Fabric Functionality/Demos
    - Storage Options
    - Ingestion/Transformation
    - Analytics (with Copilot
3- Next Steps

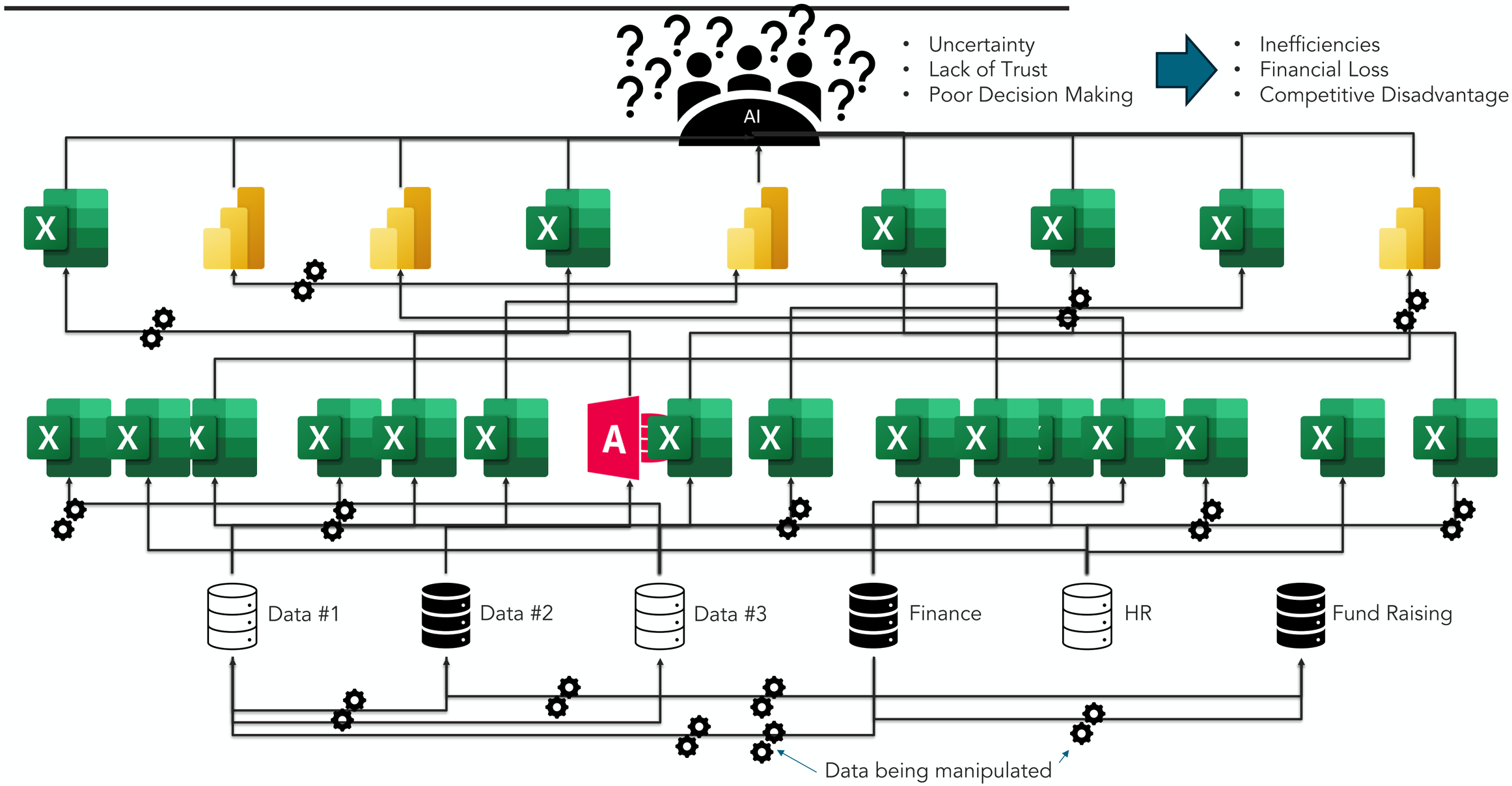
eGroup
ENABLING TECHNOLOGIES

The story you are about to hear is real.
Only the names have been changed to protect the innocent...

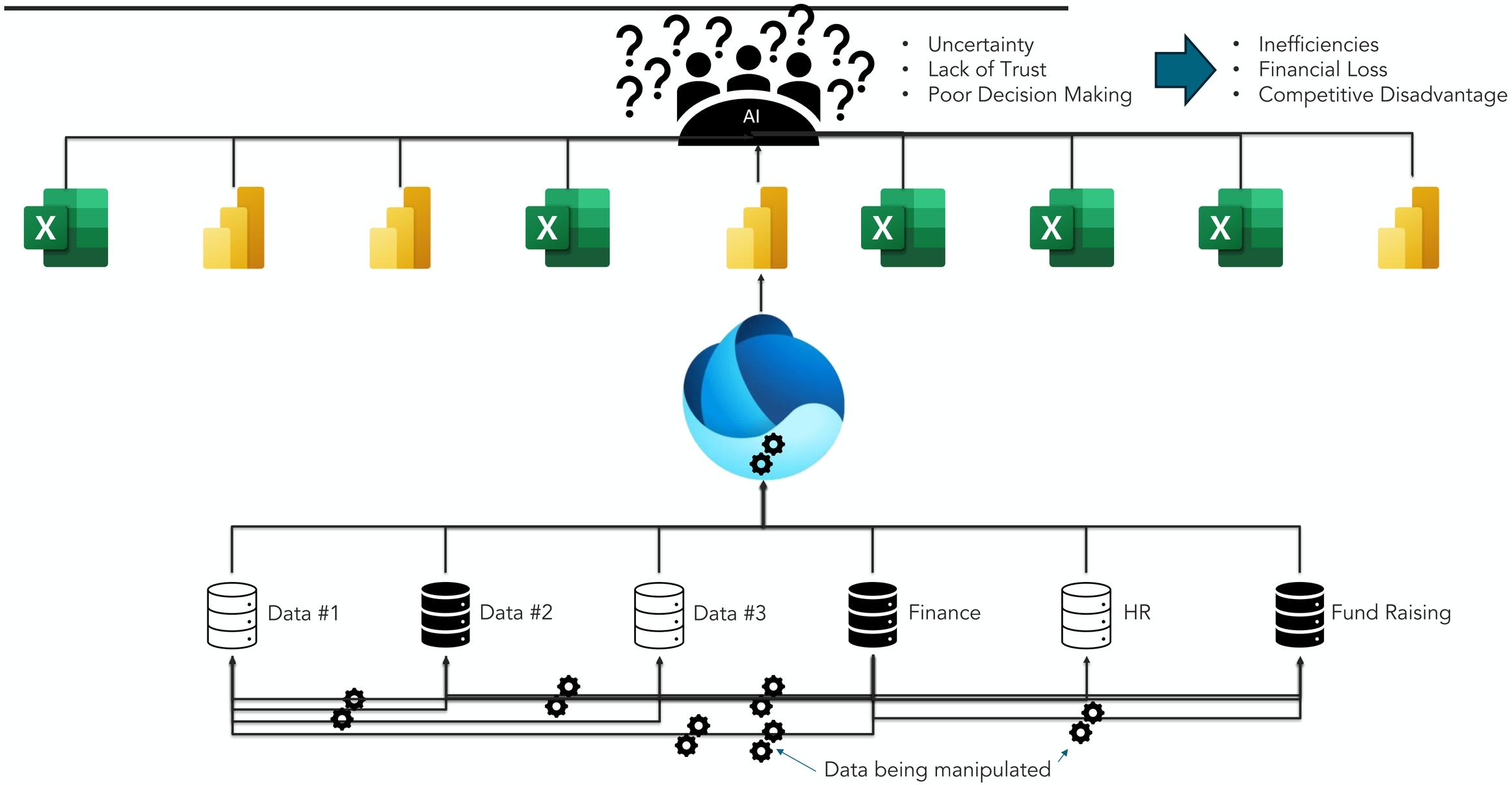
Why This All Matters



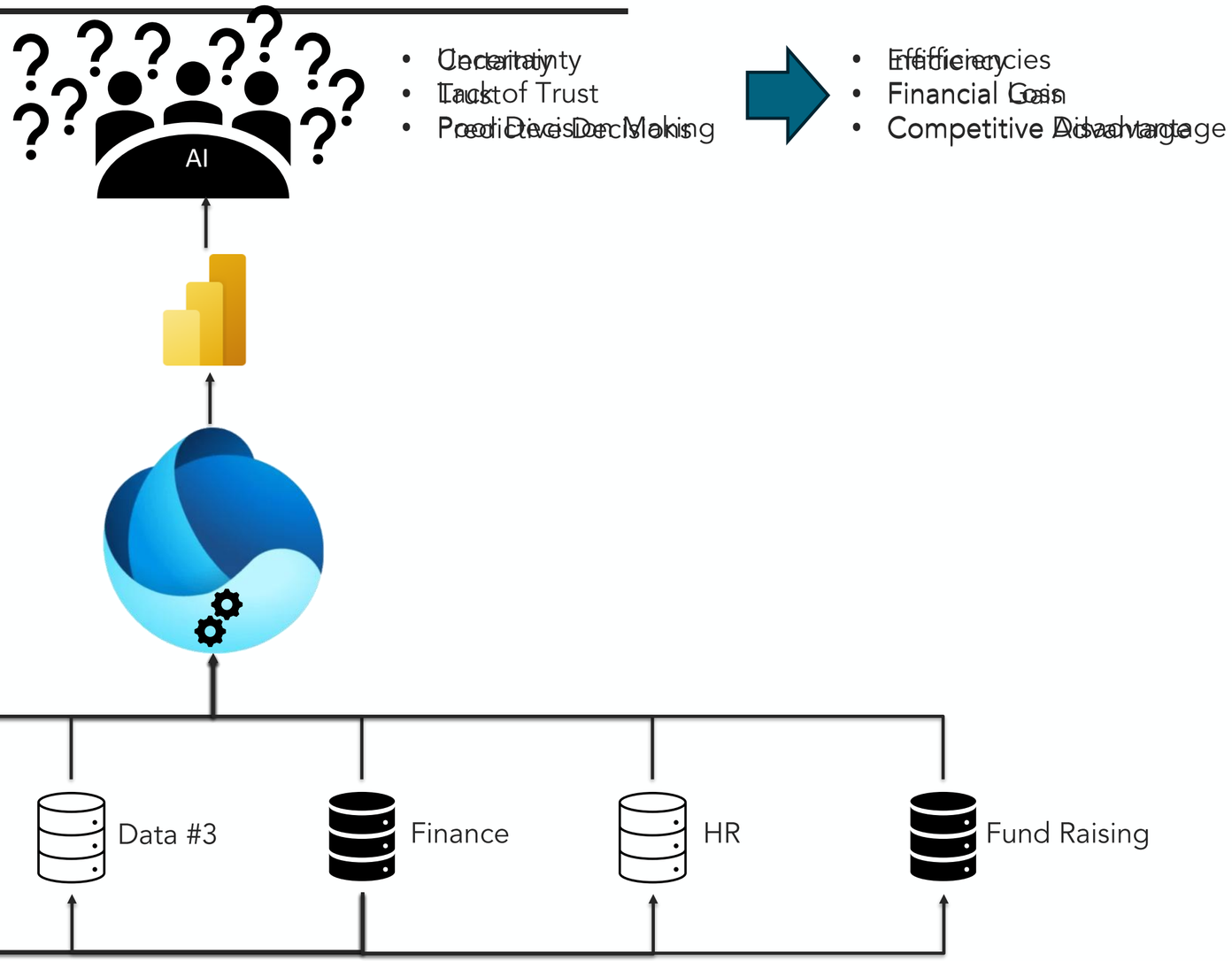
Why This All Matters



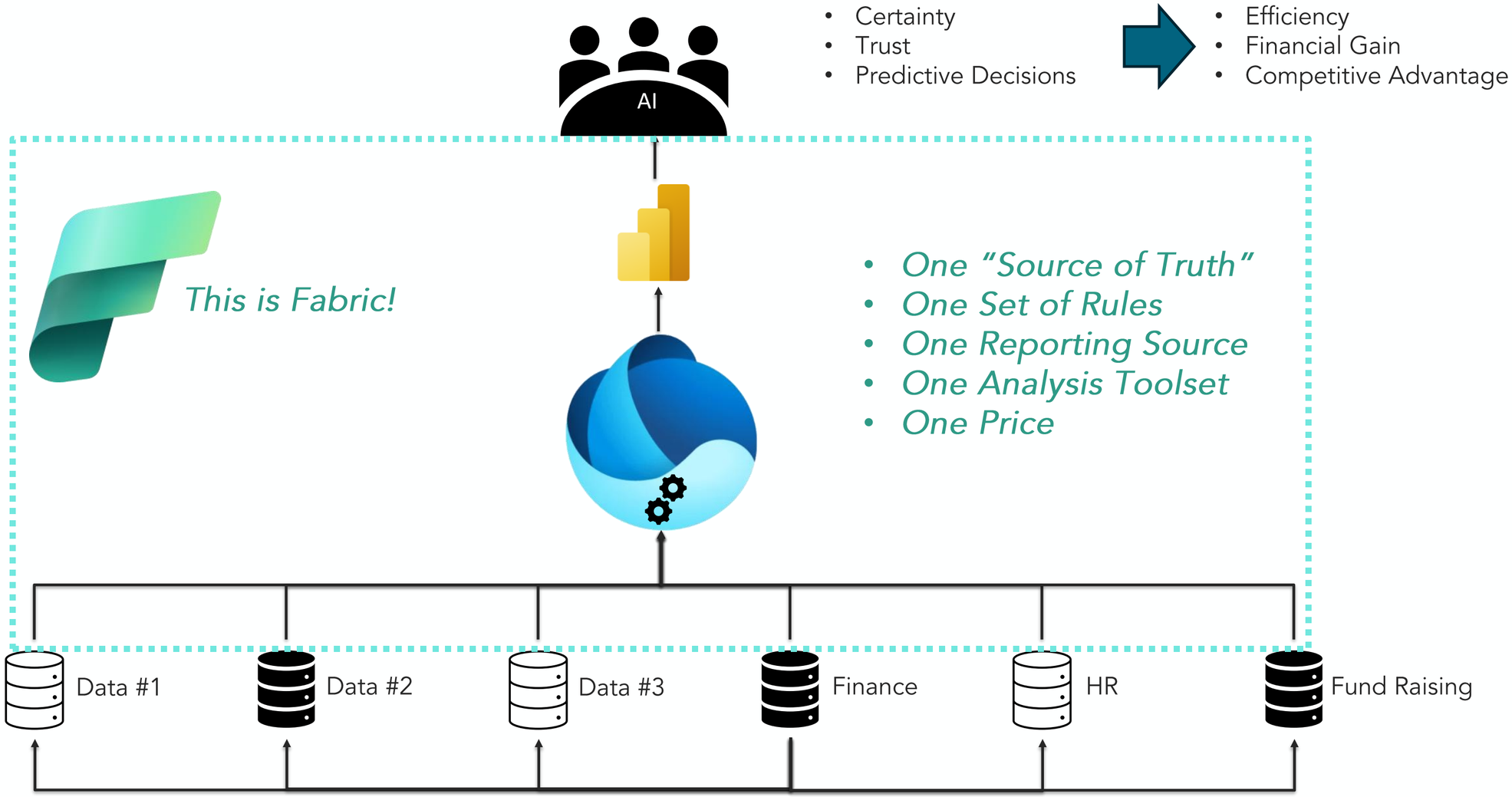
Why This All Matters



Why This All Matters

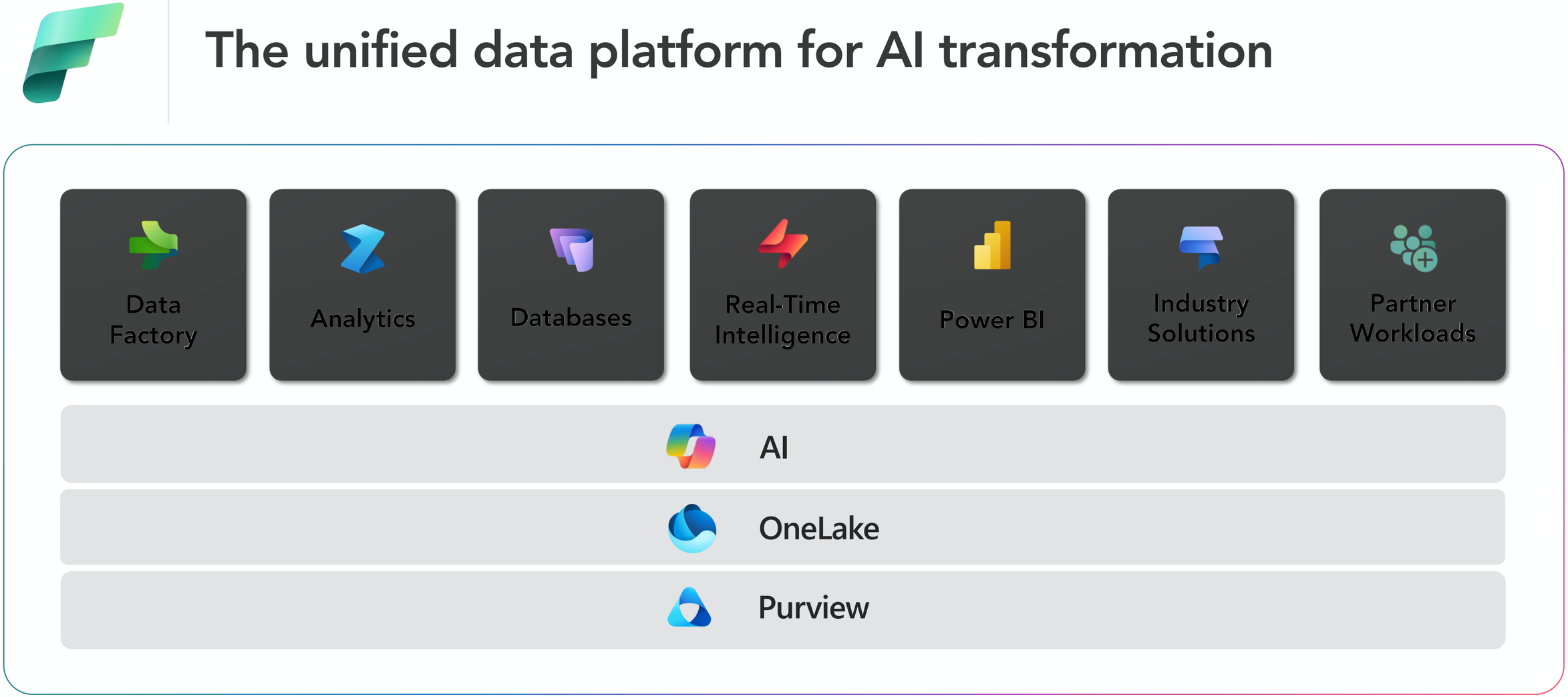


Why This All Matters



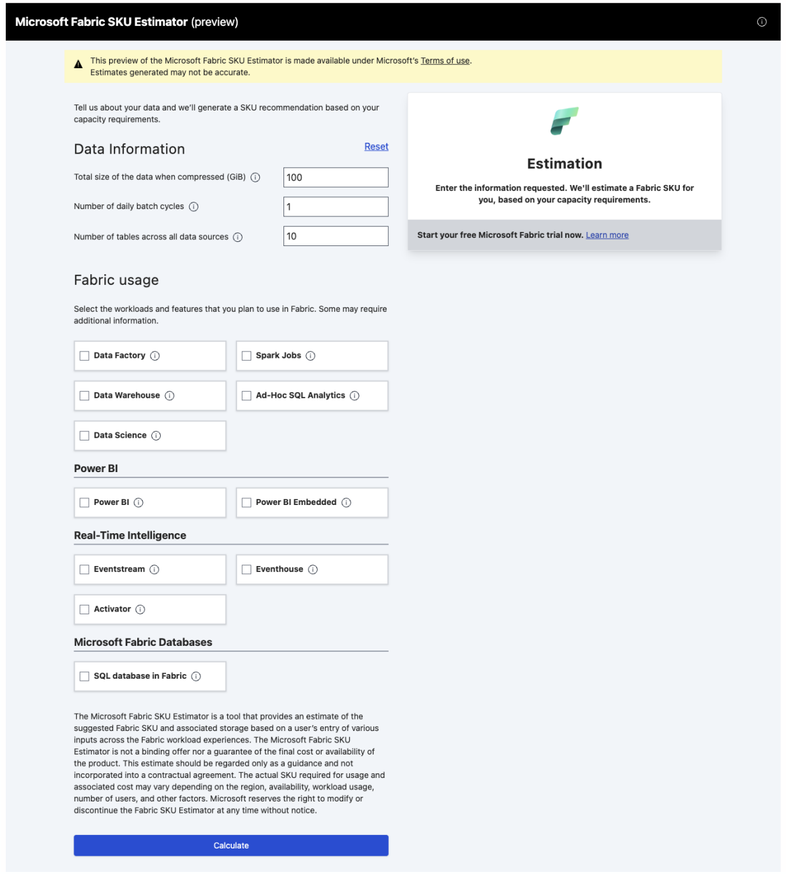
Fabric Modules

The unified data platform for AI transformation



How Much Fabric Do I Need?

Step 1 - Determine Capacity Needs



https://www.microsoft.com/en-us/microsoft-fabric/capacity-estimator

Step 2 - Calculate Pricing Options

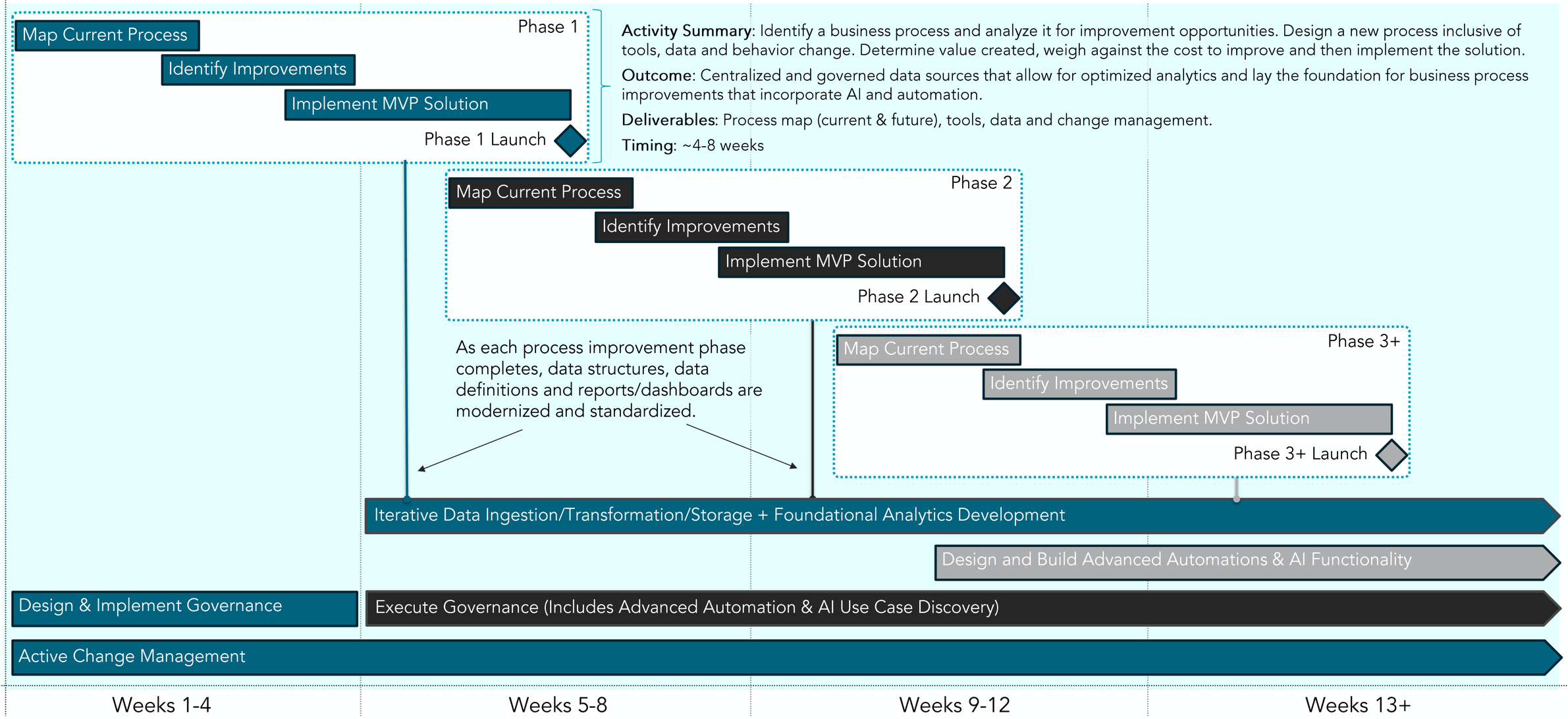
Region: East US 2 | Currency: United States – Dollar ($) USD | Display pricing by: Month

SKU	Capacity unit (CU)	Pay-as-you-go	Reservation
F2	2	$262.80/month	$156.334/month ~41% savings
F4	4	$525.60/month	$312.667/month ~41% savings
F8	8	$1,051.20/month	$625.334/month ~41% savings
F16	16	$2,102.40/month	$1,250.667/month ~41% savings
F32	32	$4,204.80/month	$2,501.334/month ~41% savings
F64	64	$8,409.60/month	$5,002.667/month ~41% savings
F128	128	$16,819.20/month	$10,005.334/month ~41% savings
F256	256	$33,638.40/month	$20,010.667/month ~41% savings
F512	512	$67,276.80/month	$40,021.334/month ~41% savings
F1024	1,024	$134,553.60/month	$80,042.667/month ~41% savings
F2048	2,048	$269,107.20/month	$160,085.334/month ~41% savings

https://azure.microsoft.com/en-us/pricing/details/microsoft-fabric

Implementing Modern Data Solutions

= Crawl Phase
= Walk Phase
= Run Phase



Data Governance Primer

Structures	Members	Meeting Cadence
DATA GOVERNANCE EXECUTIVE SPONSOR Provide overarching strategic direction	Executive Sponsor	Quarterly meeting to review progress
DATA GOVERNANCE COUNCIL Establish data governance priorities	Program Manager Data Governors IT Director, BI	Monthly meeting to approve plans and review activities
BUSINESS AREAS (CAPABILITIES) Define and monitor data standards; resolve data quality issues	Capability #1: Data Governor Stakeholders Capability #2: Data Governor Stakeholders Capability #3: Data Governor Stakeholders Capability #4: Data Governor Stakeholders Capability n+: Data Governor Stakeholders	Regular meetings scheduled as appropriate for each group
PROJECT TEAMS Identify, define and implement data standards	Project 1: Project Manager, Data Steward, Data Custodian (Other Resources) Project 2: Project Manager, Data Steward, Data Custodian (Other Resources) Project n+: Project Manager, Data Steward, Data Custodian (Other Resources)	Regular meetings scheduled as appropriate for each project

Lessons Learned

Engaged Sponsorship - find an executive sponsor that has adequate time and is willing to invest and make difficult decisions.

Right Sized Council - engage only those members who are actively working on data governance initiatives. Rotate membership as needed to keep perspectives fresh and relevant.

Focus on Business Ownership - data needs to be governed by business teams, not IT or the data governance program.

Fund Projects – the data governance program does not execute change, projects do.

Generate Value - Demonstrate value early and often. Even a simple report can spread goodwill. Iterate and don't focus on perfection.

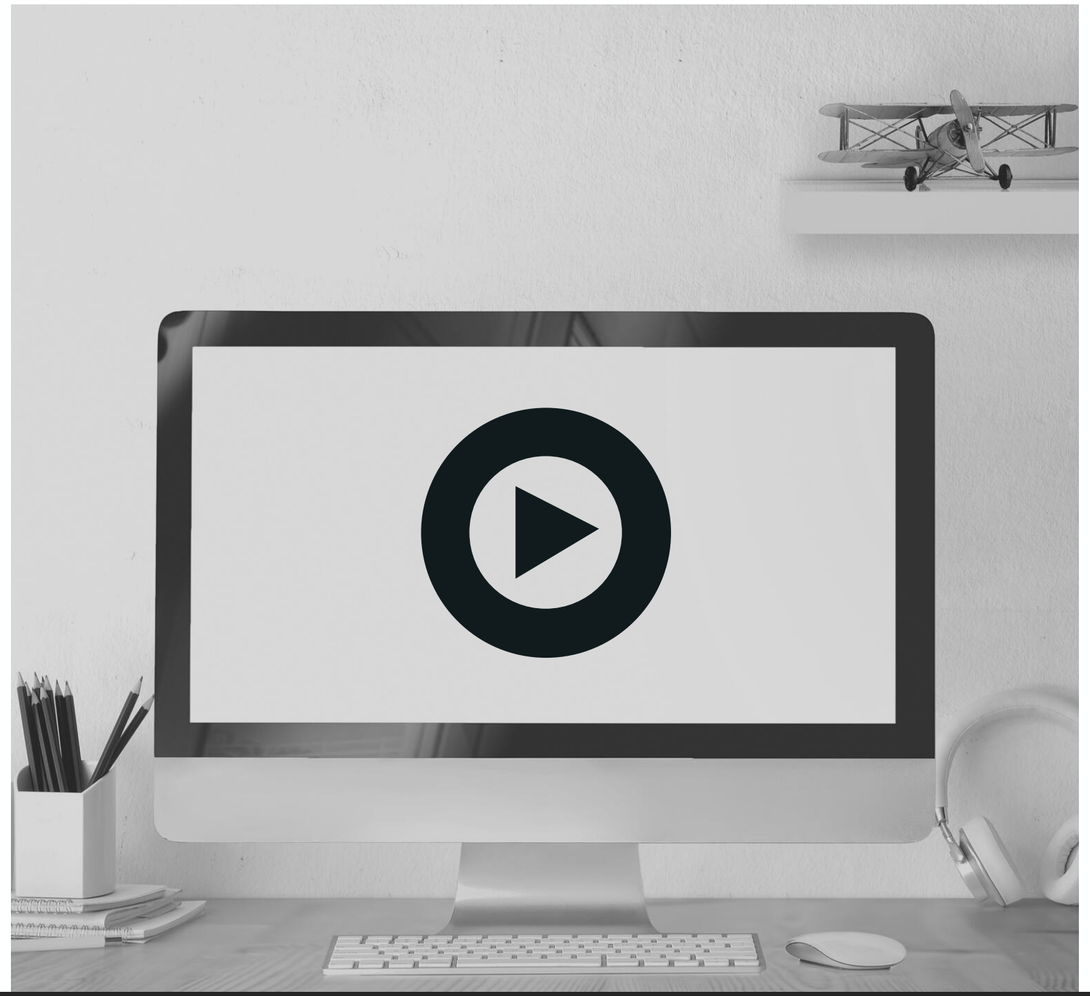
Fabric Storage Options

	Warehouse	Lakehouse	Eventhouse	SQL Database (Preview)	Cosmos DB (Preview)
Type of Data	Structured, semi-structured (JSON)	Unstructured, semi-structured, structured	Unstructured, semi-structured, structured	*Structured, semi-structured, unstructured*	*Focus is on semi-structured data*
Data Organized By	Databases, schemas, and tables	Folders and files, databases, and tables	Databases, schemas, and tables	*Databases, schemas, tables*	*Containers, schema-agnostic*
Multi-table Transactions	Yes	No	Yes, for multi-table ingestion	*Yes, full ACID compliance*	*No*
Best Fit Developers	Database & Warehouse Developers; Data Architects & Engineers	Data Scientists & Engineers	Data Scientists & Engineers & App Developers	*AI & App Developers; Database Developers & Admins*	*AI & App Developers; Database Developers & Admins*
Primary Language	SQL	Spark (Scala, PySpark, Spark SQL, R)	KQL	*SQL*	*NoSQL*
Typical Use Case	SQL users who want business intelligence, reporting capabilities	Want to store and/or analyze multiple types of data; general-purpose	Real-time data storage & analysis; specialized	*Want SQL database in the cloud that is connected to Fabric capabilities*	*An AI app developer who wants to store semi-structured data and leverage it*

Microsoft Fabric Decision Guides: Choose a Data Store, Choose between a Warehouse and Lakehouse, Choose a SQL Database

Note: Power BI Datamarts are being deprecated and will be removed on October 1, 2025.

DEMO TIME!



We Can Help

ACQUIRE

1. Fabric Licensing
2. Power BI Licensing

IMPLEMENT

1. In a Day
   - Fabric in a Day
   - Dashboards in a Day
2. In a Month
   - Modern Data Solution Design
   - Power BI Health Assessment
3. Scale
   - Modern Data Solution Implementation
   - Power BI Reporting & Analytics Implementation

MANAGE

1. Data as a Service

THANK YOU!

eGroup
ENABLING TECHNOLOGIES