Microsoft

Securing and governing your data estate with Fabric and Purview

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Microsoft

Fabric Roadshow
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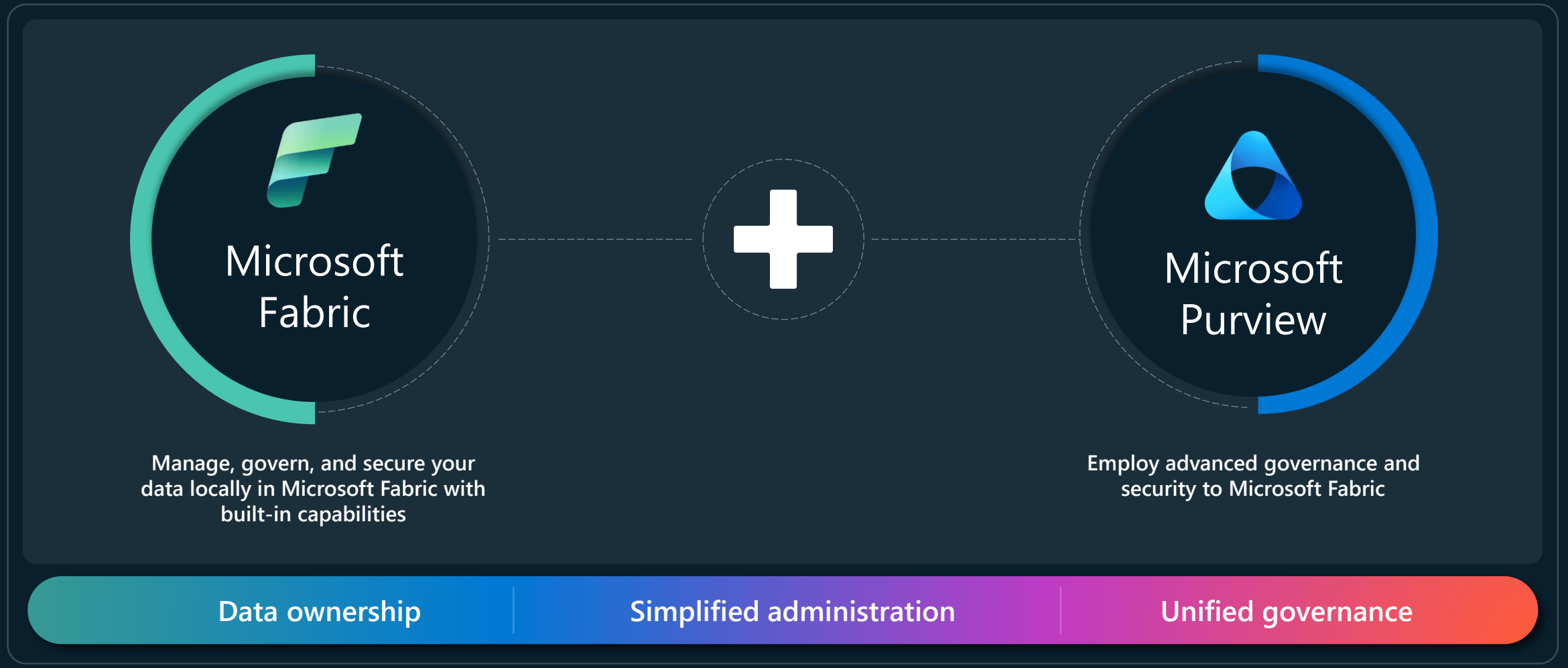
Manage, govern, and secure data in era of AI

Go further by integrating Fabric with Microsoft Purview



Purpose-built to support different personas

Go further by integrating Fabric with Microsoft Purview

Microsoft Fabric

Data engineers & data scientists

Data analysts

Data admins

Business users

Microsoft Purview

Security & compliance officers

Data stewards & LoB data owners

Central data office

Data consumers

Designed for data workers

Designed for security, governance & compliance offices

Gain full visibility and control with industry-leading features

Governance and security features built into Microsoft Fabric

Manage your data estate

- Admin portal
- Tenant and workspace settings
- Metadata scanning
- Capacities
- Domains
- Workspaces

Secure, protect, and comply

- Fabric inbound and outbound security
- Conditional access
- Compute security
- Workspace & item security
- Data encryption
- Universal security model*
- Certificates & standards
- Data residency
- Purview sensitivity labeling**
- Purview Data Loss Prevention policies**
- Purview Audit**

Encourage data discovery, trust, and use

- OneLake catalog (Explore tab)
- Endorsements
- Data lineage & impact analysis
- External data sharing
- Metadata curation
- Discover & Reuse

Monitor, uncover insights, and act

- OneLake catalog (Govern tab)
- Monitoring hub
- Workspace monitoring
- Capacity metrics
- Admin monitoring
- Purview Hub

Fabric metadata

Advanced Govern and secure Fabric data

Microsoft Purview for estate-wide governance and protection

Comprehensive data security

- Data Loss Prevention
- Information Protection
- Insider Risk Management

Federated data governance

- Data Discovery
- Catalog Management
- Health Management (Data Quality)

Risk & compliance posture

- Purview Audit

Fabric natively integrated with Microsoft Purview

**Additional Microsoft Purview purchase required*

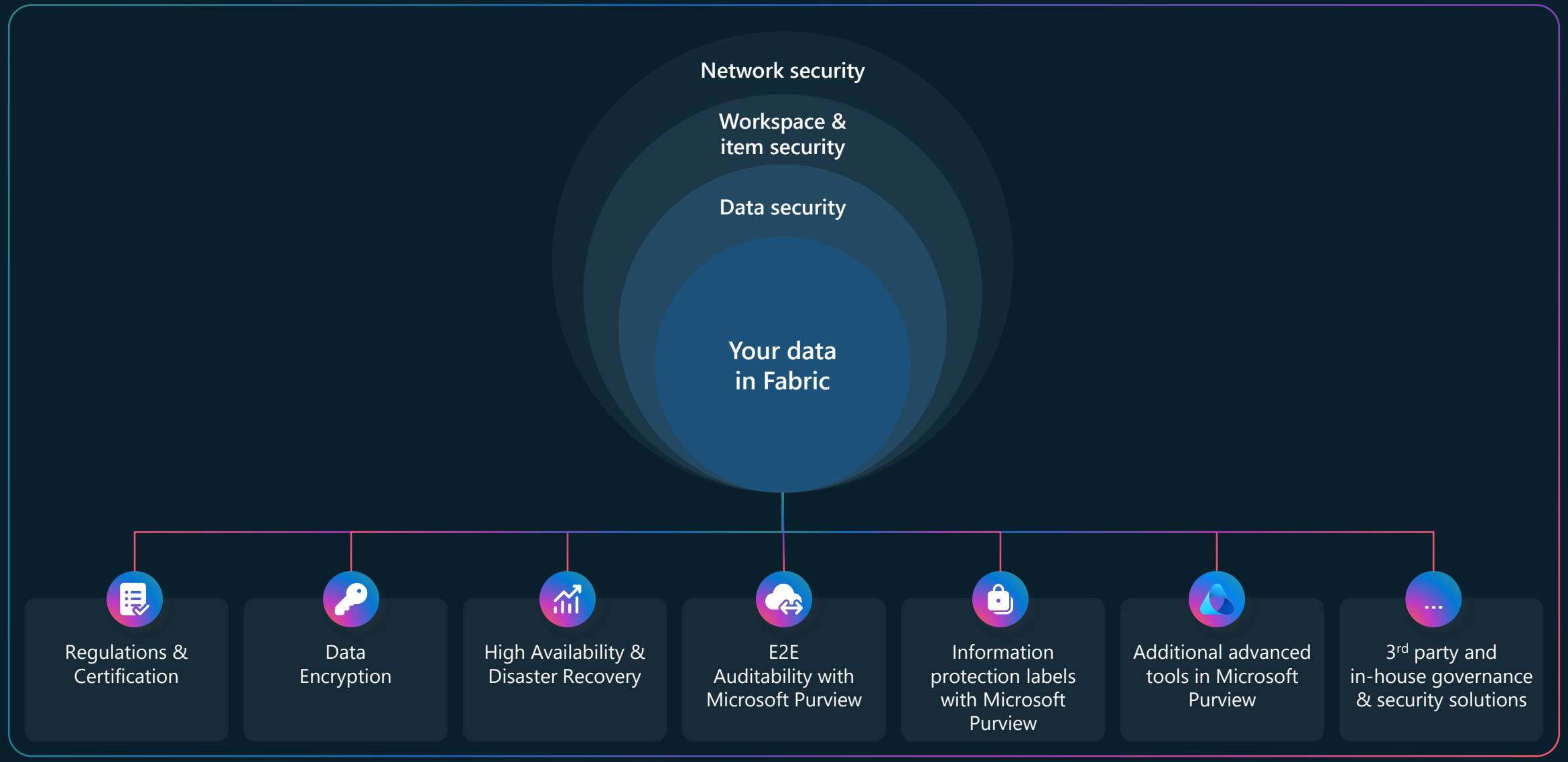
The foundation for responsible data innovation

Seamlessly secure

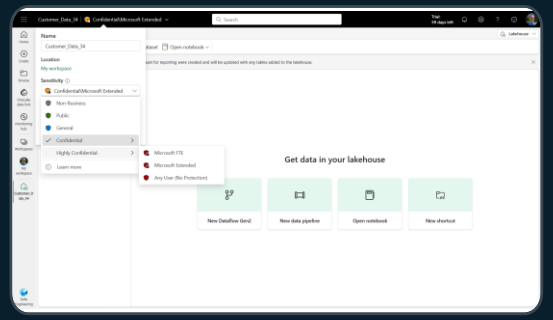
Confidently activate

The foundation for responsible data innovation

Security layers in Microsoft Fabric

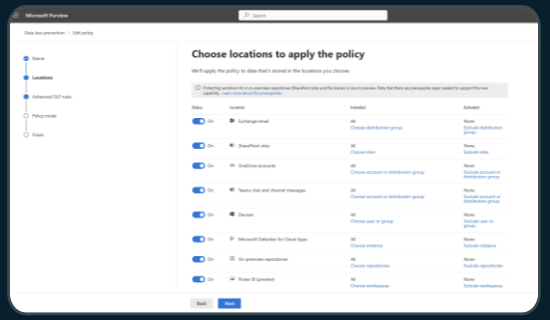


Purview Data Security & Compliance integration with Fabric



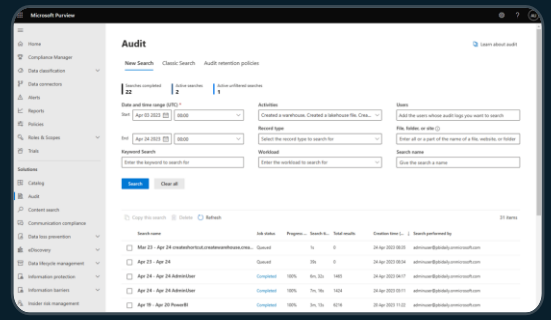
Information protection sensitivity labels and protection policies

Classify sensitive Fabric data using the same sensitivity labels that are used in Microsoft 365—the label and protection travels with the data within Fabric, and enforced even when the data is exported to Office.



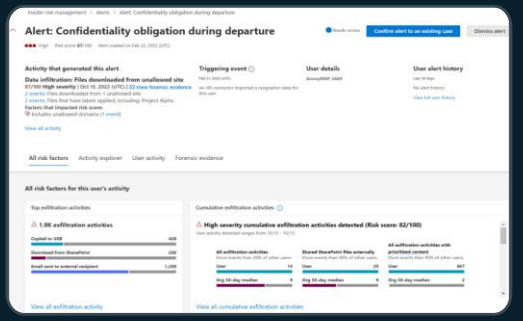
Data loss prevention policies

Automatically detect sensitive data such as PII or SSN in Lakehouse or Semantic Models and trigger automatic risk remediation actions such as alerts or restrict access.



Audit

Log user activities from Microsoft Fabric in MS Purview Audit to support security, forensic, and internal investigations.

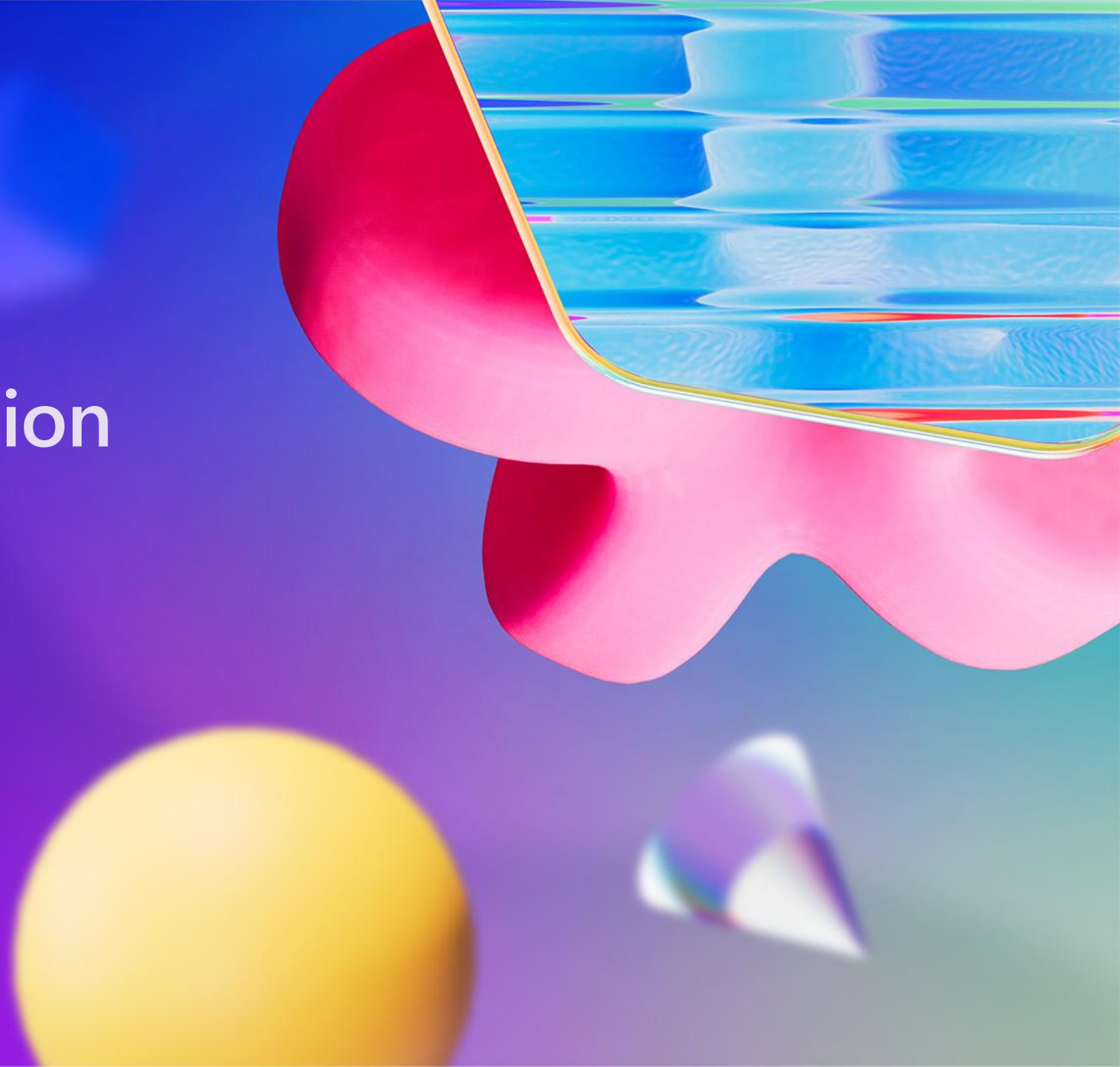


Insider Risk Management

Ingest audit logs from Fabric in addition to other millions of signals to identify potential malicious or inadvertent insider risk.

Additional Microsoft Purview purchase required

Demo of Purview Information Protection policies in Fabric



Microsoft Purview Information Protection Policies

Demo of Purview Data Loss Prevention in Fabric

Data Loss Prevention policies for Lakehouse

The foundation for responsible data innovation

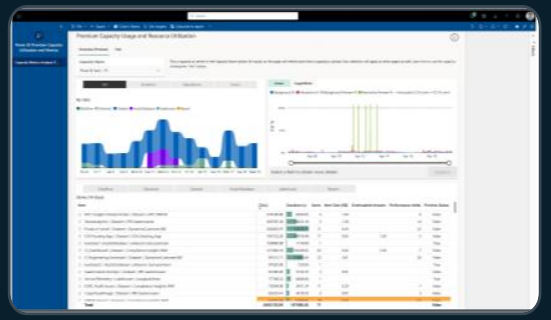
Manage an org-wide data mesh in Fabric with central & delegated settings

Tenant-wide and granular control in Admin Portal

Fabric admins can manage Fabric in one central location with fine-grained control while also gain end-to-end visibility with tenant-wide reports.

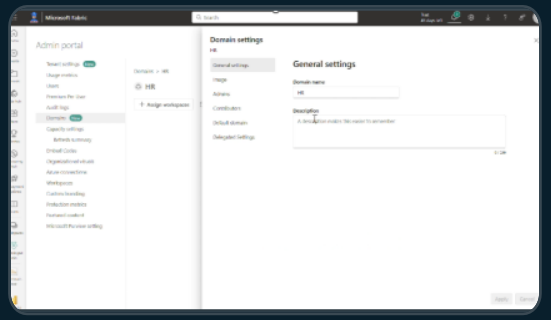
Tenant metadata scanning

Easily extract information incl. inventory, item metadata & lineage for all items across Fabric, and connect to 3rd party or homegrown tools.



Manage capacities

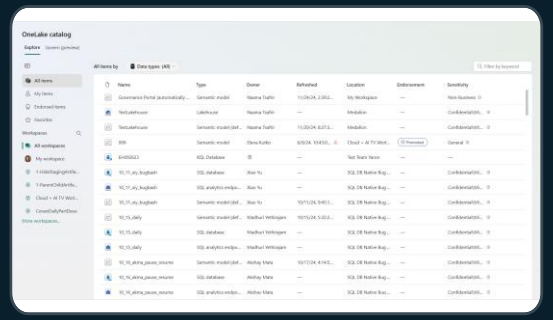
Manage multiple capacities, each with a distinct pool of resources to manage cost at a granular level and get visibility into capacity utilization and usage trends.



Domains, subdomains, workspaces, & folders

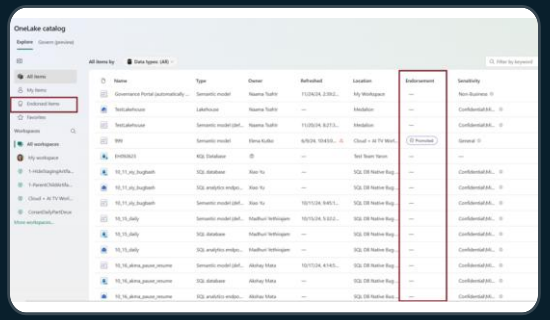
Implement a data mesh pattern by grouping your items in folders and workspaces and then in domains to achieve granular control & optimized consumption.

Easily discover, manage, and collaborate on org data



OneLake catalog

Centrally Find, explore, and use relevant Fabric data items in your organization. Data hub Pervasive across Fabric as well as in Teams, Excel and more.

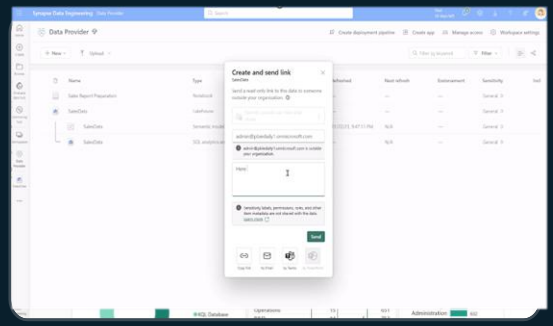


Endorsements & tags

Endorse trusted high-quality items in Fabric and apply relevant tags to create curated sources of truth and increase discoverability and reuse.

Lineage & impact analysis

Track data lineage of your analytical projects to see how data flows through items and perform impact analysis to assess impact of changes.



External data sharing

Share data and assets with external organizations from OneLake storage locations without copying the data.

OneLake catalog

General Availability

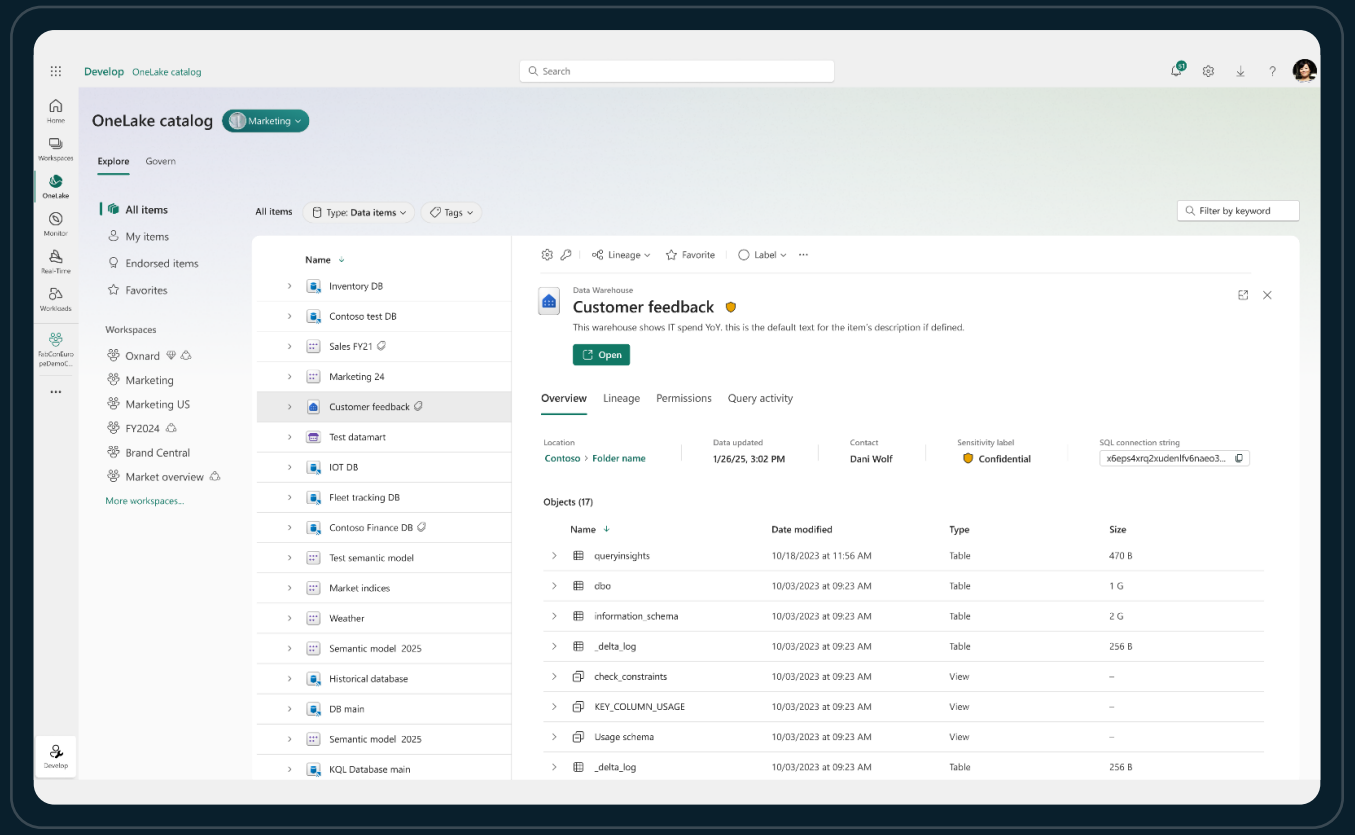
Complete catalog for data discovery, governance & insights in Fabric

Unified view of **org data estate**
to boost **discovery** & **collaboration** on data, processes, insights, and AI.

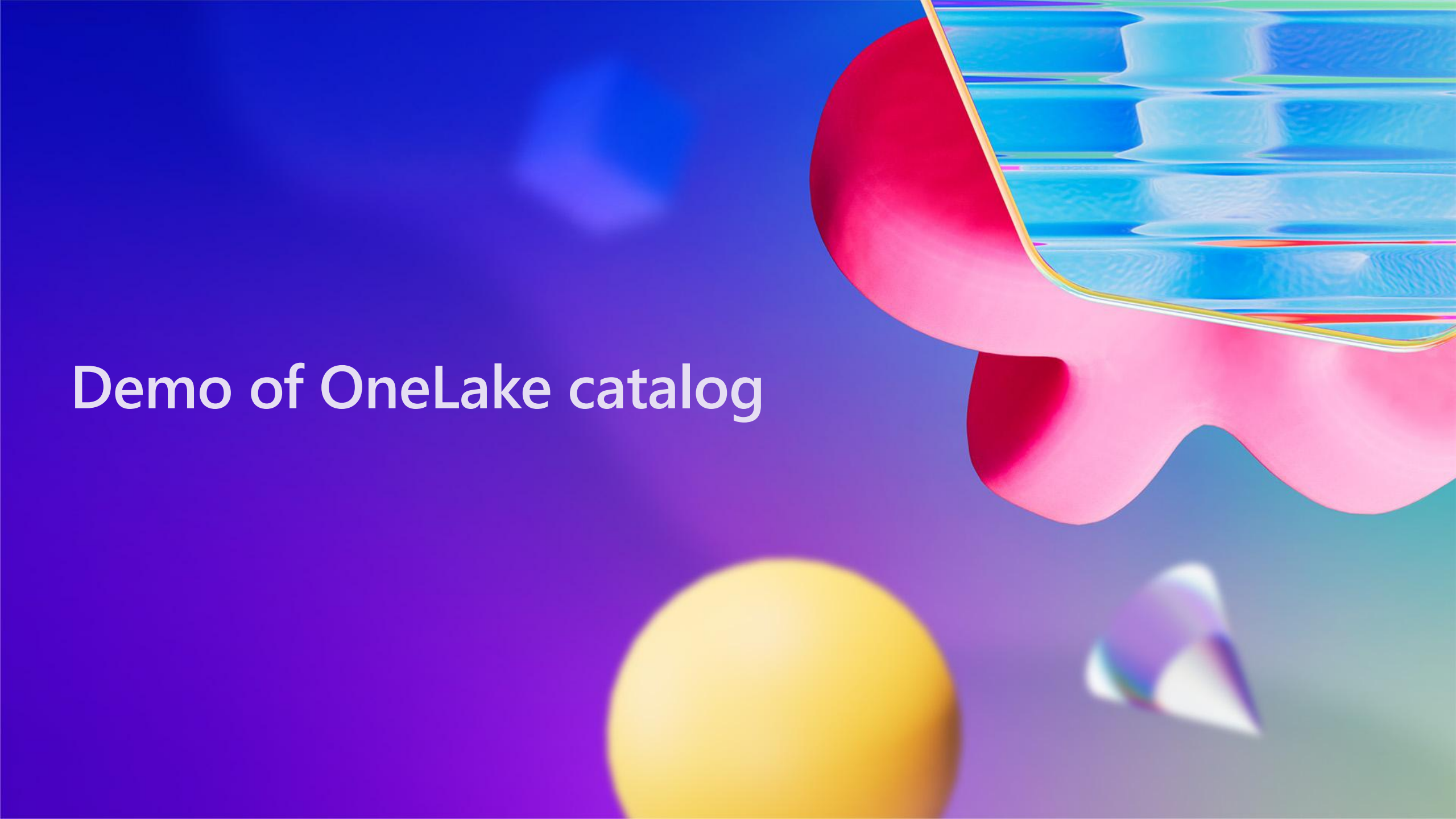
Easily **explore & manage** your data in place incl' lineage, metadata, sensitivity, permissions, and more.

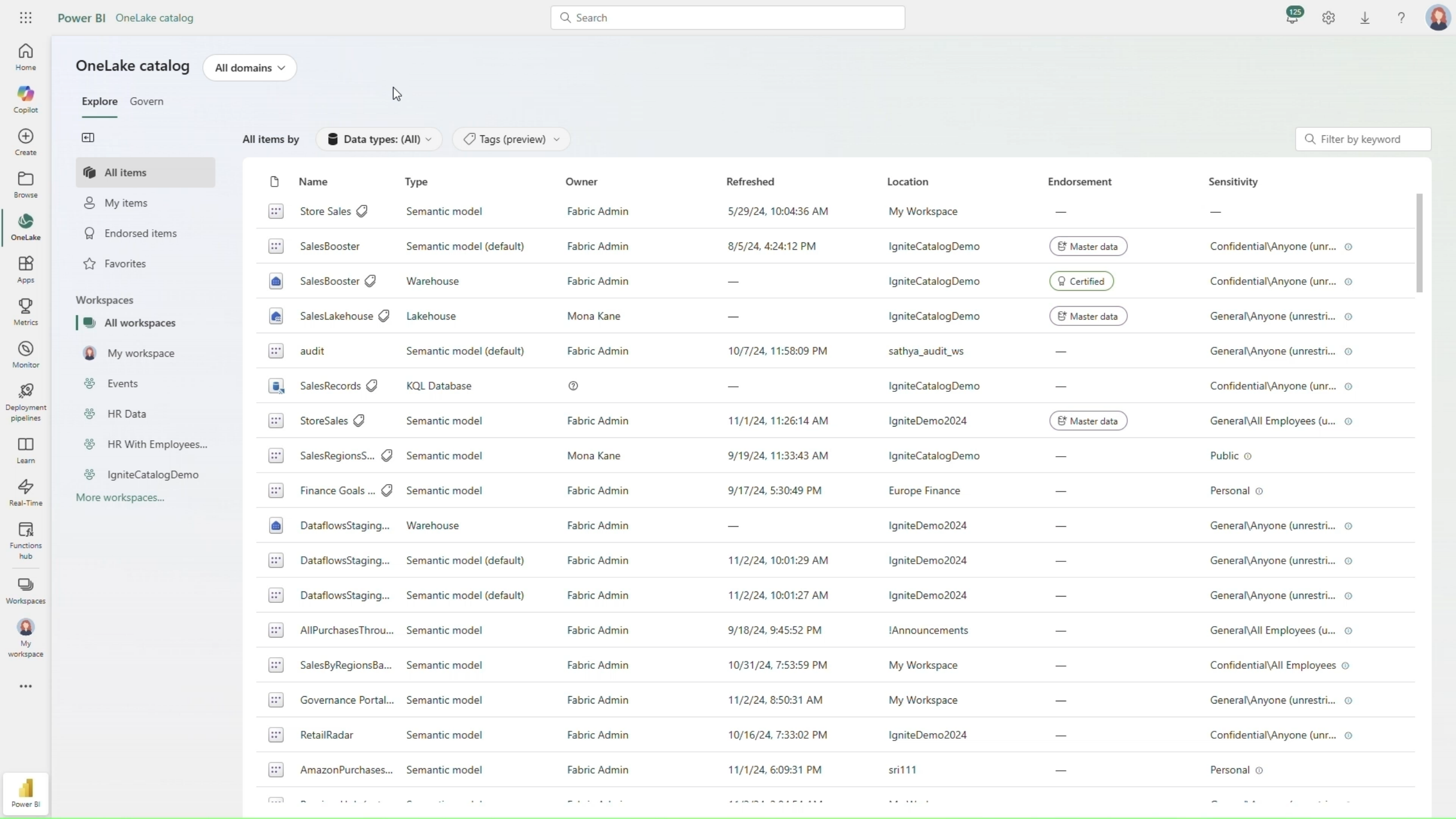
Effectively govern data at scale by gaining insights on data, recommended actions, and available tooling.

Integrated directly into **Microsoft 365**, Microsoft Copilot Studio, and Azure Portal.



Demo of OneLake catalog

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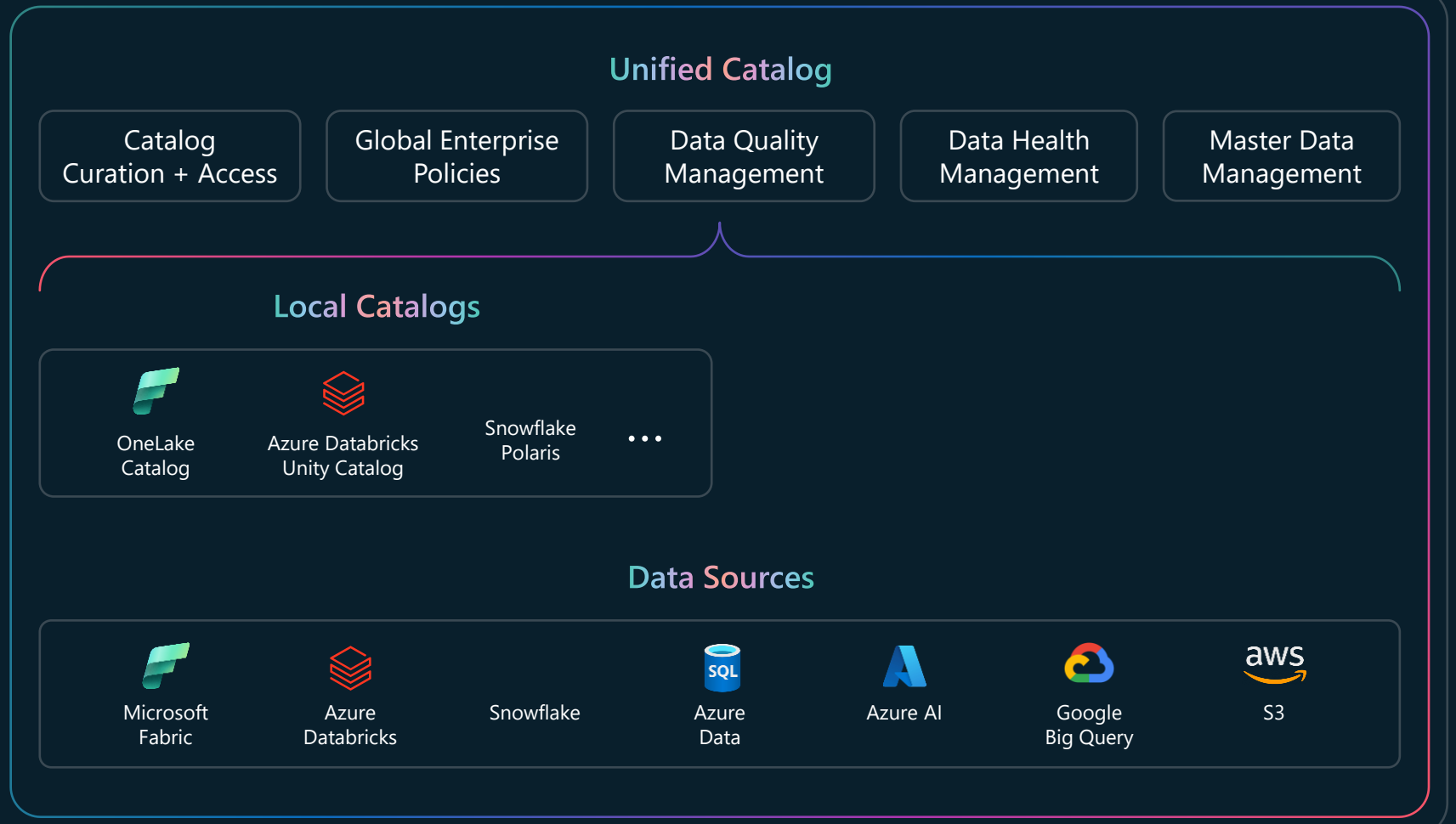
Purview Data Governance

Confidently activate data across the digital estate

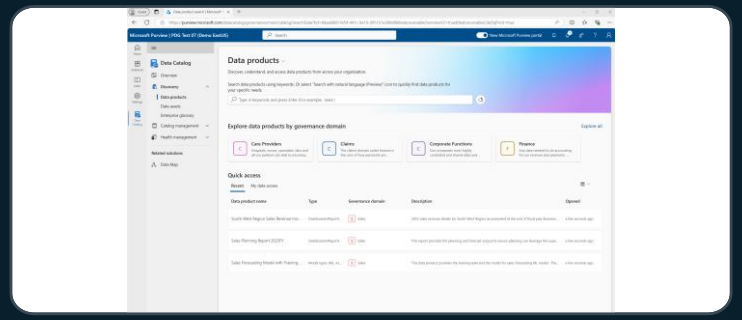
Comprehensive visibility across the data estate with a global catalog of catalogs

Data confidence via built-in data quality, lineage, and master data management

Responsible innovation with easy discovery of trusted data and access control

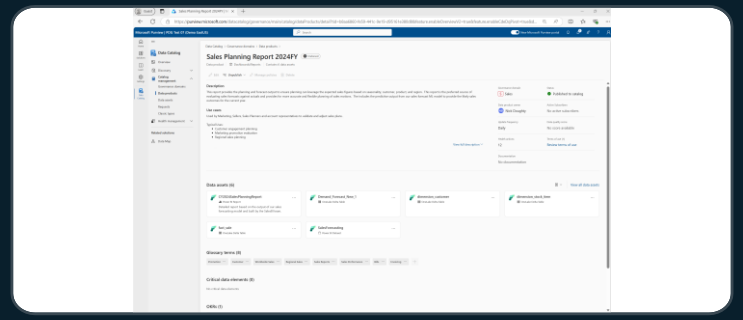


Govern and Activate your Multi-cloud Data Estate with Purview Data Governance



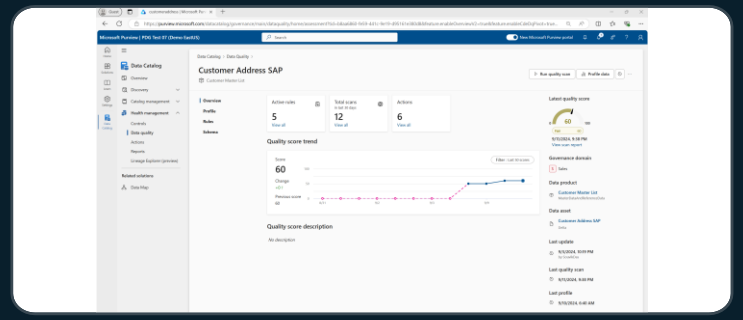
Data Discovery

Discover, understand, and request access to data containing Fabric data and non-Fabric data in the Purview Unified catalog; leverage built-in Security Copilots to get work done faster.



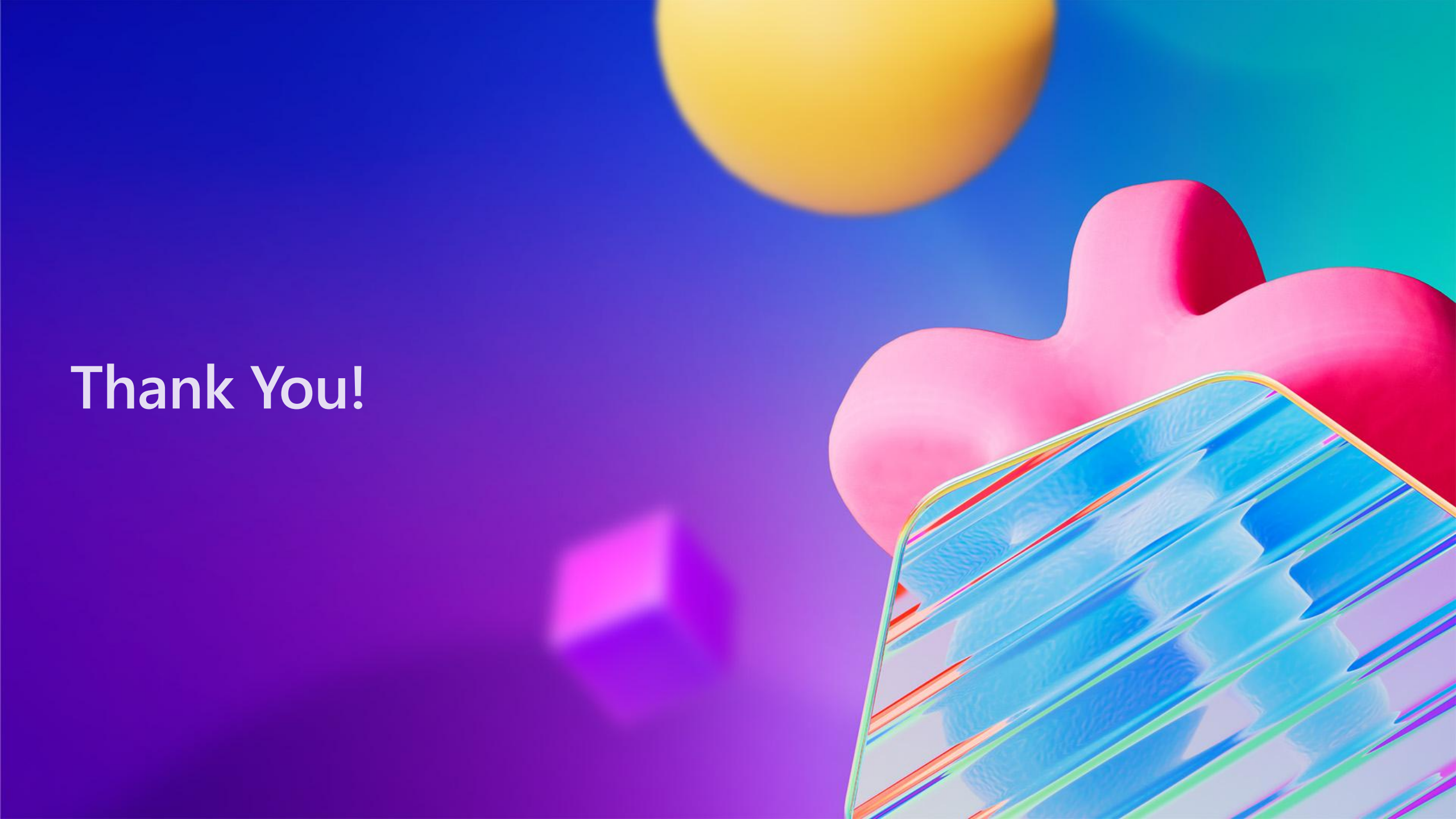
Catalog Management

Organize, curate, and manage access to your entire data estate (including Fabric data) using logical, business-friendly vernacular your business stakeholders will understand; integrate your Master data management entities into your managed data estate (via 3rd party plug-ins).



Health Management (Data Quality)

Manage, monitor, and improve data quality and overall data health across your enterprise, multi-cloud data estate (including Fabric data); develop your own Purview reports and/or activate estate cleanup actions using BYOC Fabric integration.

Demo of Purview Unified Catalog

Thank You!