



Microsoft Purview

Azure Power Lunch

UNIFIED DATA GOVERNANCE TO MAXIMIZE
THE BUSINESS VALUE OF DATA



Today's data realities

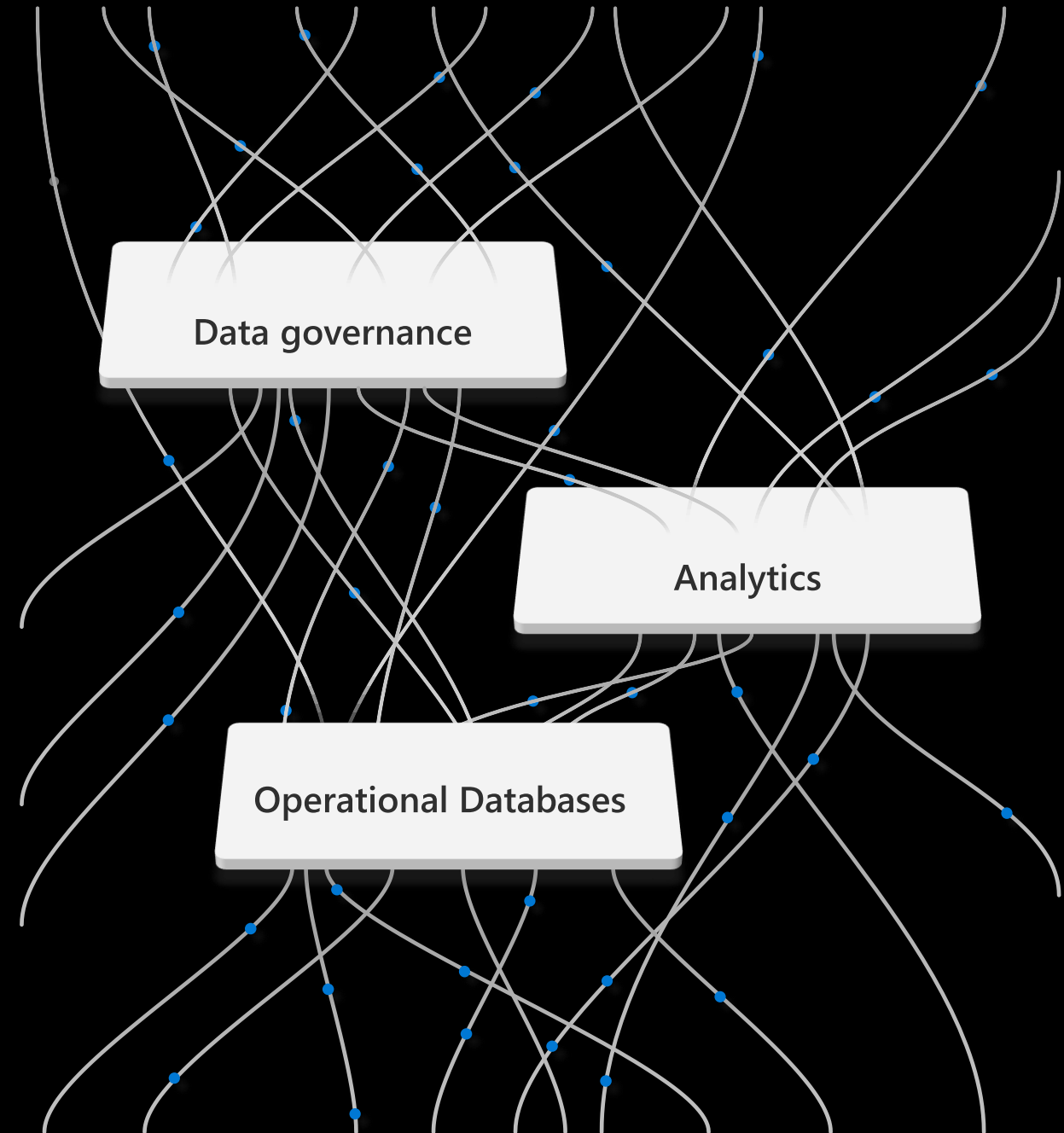
What **data** do I have?

Is it **trustworthy**?

Can people access the **data** needed
to make the right decisions?

How can I **enable faster
business insights**?

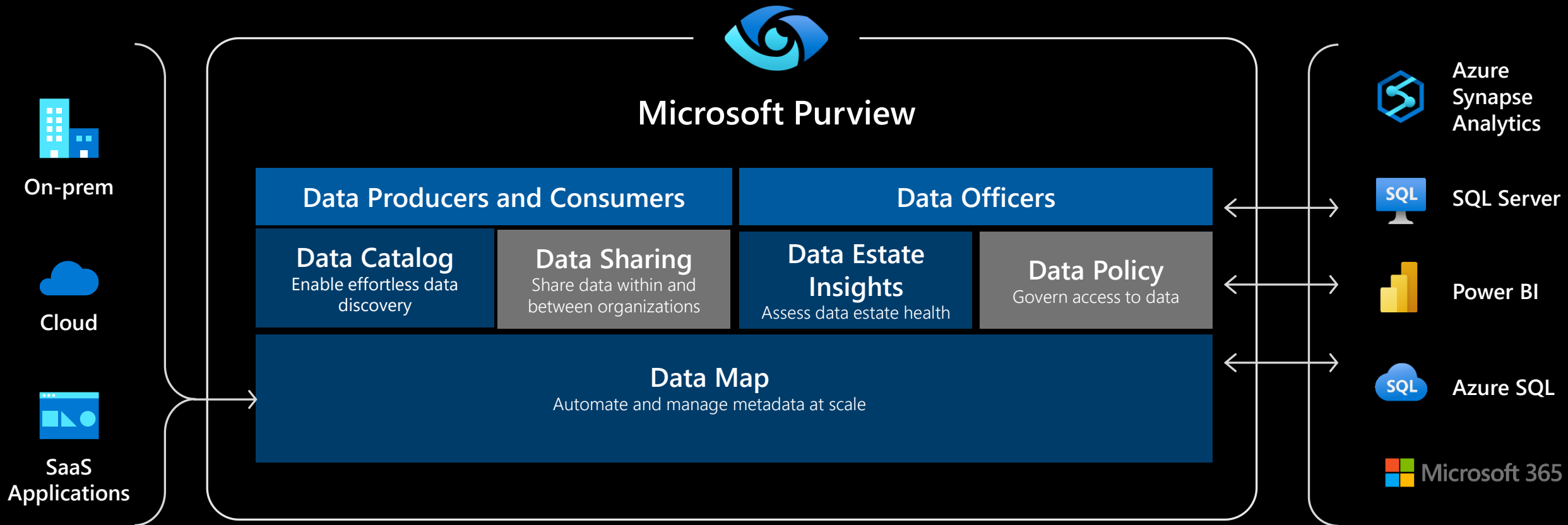
What's my **compliance exposure**?



Unified Data Governance with Microsoft Purview

Generally Available

Preview



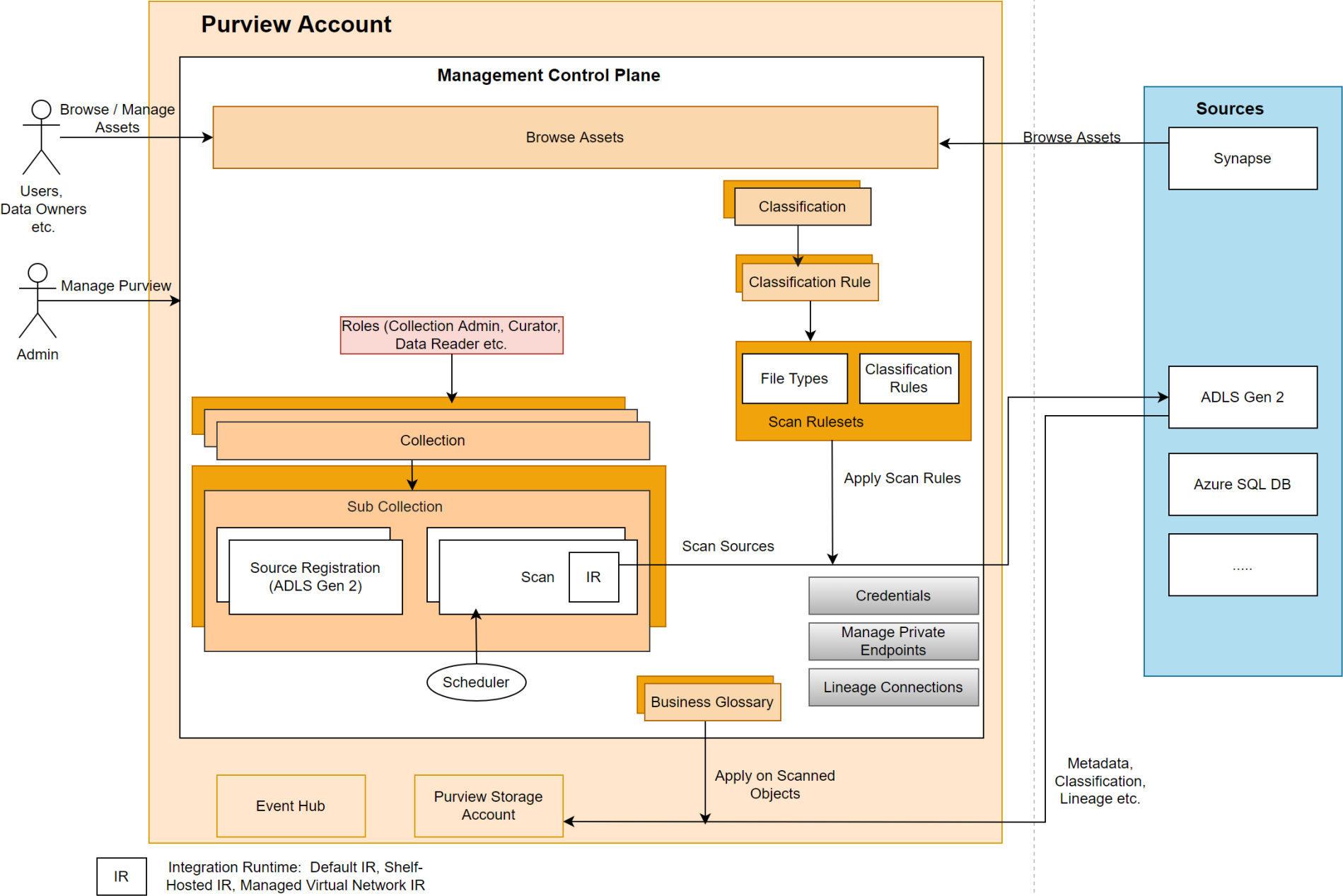


Microsoft Purview

Account Creation

Agenda

- ❖ Recap from last week (High-level Overview)
- ❖ Custom Classification
- ❖ Custom Scan Rule
- ❖ Business Glossary
- ❖ Managed Attributes
- ❖ Lineage (ADF)



Microsoft Purview Account Creation

A single, centralized place that provides unified experience for data producers, data consumers, data & security officers

Purview Governance Portal divided into **Activity hubs**.

These organize the tasks needed for managing data governance activities

Create Microsoft Purview account ...

Provide Microsoft Purview account info

 Basics  Networking Tags Review + Create

Create a Microsoft Purview account to develop a data governance solution in just a few clicks. A storage account and eventhub will be created in a managed resource group in your subscription for catalog ingestion scenarios. [Learn more](#)

Project details

Subscription *

< Your subscription selection >

Resource group *

[Create new](#)

Instance details

Microsoft Purview account name * ⓘ

TestPurview

 The name "TestPurview" is already in use. Please use a different name.

Microsoft Purview Account Creation

Enable the optional Event Hubs namespace by selecting the toggle. It's disabled by default. Enable this option if you want to be able to programmatically monitor your Microsoft Purview account using Event Hubs and Atlas Kafka topic, ATLAS_HOOK

Home > Create a resource > Microsoft Purview >

Create Microsoft Purview account

Provide Microsoft Purview account info

* Basics * Networking Tags Review + Create

Create a Microsoft Purview account to develop a data governance solution in just a few clicks. A storage account and eventhub will be created in a managed resource group in your subscription for catalog ingestion scenarios. [Learn more](#)

Project details

Subscription *

Resource group *
[Create new](#)

Instance details

Microsoft Purview account name *

Location *

Managed resources

A resource group, a storage account, and an Eventhub will be created in the selected subscription for catalog ingestion scenarios. The Microsoft.Storage and Microsoft.EventHub resource providers will get registered. [Learn more](#)

Managed resource group name *

Storage account name *Name will be auto-generated during account creation.*

Event Hubs namespace name

[Review + Create](#) [Previous](#) [Next: Networking >](#)

Microsoft Azure

Search resources, services, and docs (G+ /)

Home > ContosoPurview

ContosoPurview | Managed resources

Microsoft Purview account

Search (Ctrl+ /) << [Save](#) [Discard](#) [Refresh](#)

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Root collection permission

Managed resource group name
managed-rg-ContosoPurview

Storage account name
scaneastusmanagedstorage

Event Hubs namespace name

Settings

- Managed resources**



Microsoft Purview

Governance Portal

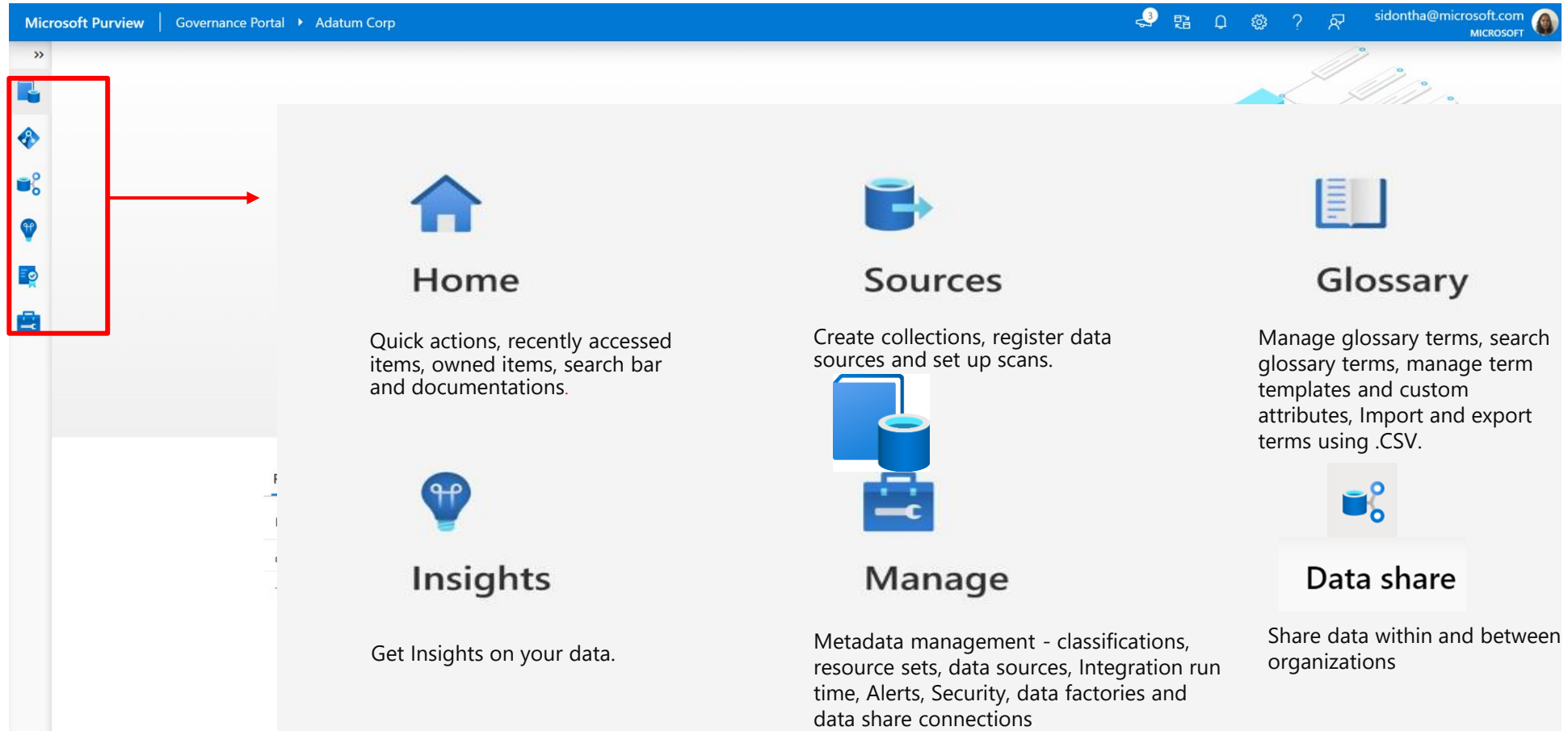
(Unified Experience)

Microsoft Purview Governance Portal

A single, centralized place that provides unified experience for data producers, data consumers, data & security officers

Purview Governance Portal divided into **Activity hubs**.

These organize the tasks needed for managing data governance activities





Microsoft Purview Studio

Data Catalog

Data Catalog Page

All Data Catalog related activities

Microsoft Azure | Purview > Adatum Corp

nayenama@microsoft.com
MICROSOFT

Adatum Corp

(adatumcorpretail)

33 sources 10,234,314 assets 114 glossary terms

Search catalog

Browse assets
Explore assets by source type and collection.

Manage glossary
Create and edit terms with custom term templates.

Knowledge center
Discover learning materials and tutorials.

Recently accessed entities and list of entities owned by logged-on data user.

Name	Last update
DimOrganization	3 hours ago
starter3	12 days ago
customer.docx	12 days ago
demoreportingblob	12 days ago
democatalogadcadls	12 days ago
democatalogadcadls	12 days ago

[View all recently accessed](#)

Links

[Purview overview](#)
Discover the capabilities offered by Purview and learn how to make the most of them.

[Getting started](#)
Learn about how to use Purview Studio.

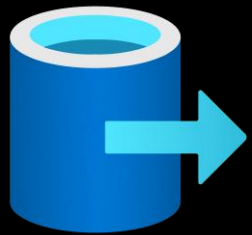
[Documentation](#)
Visit the documentation center for quickstarts, how-to guides, and references, etc.

Links for Overview, getting started and purview documentation

Data Catalog tiles for key activities

Search bar to browse and search data catalog

Catalog metrics



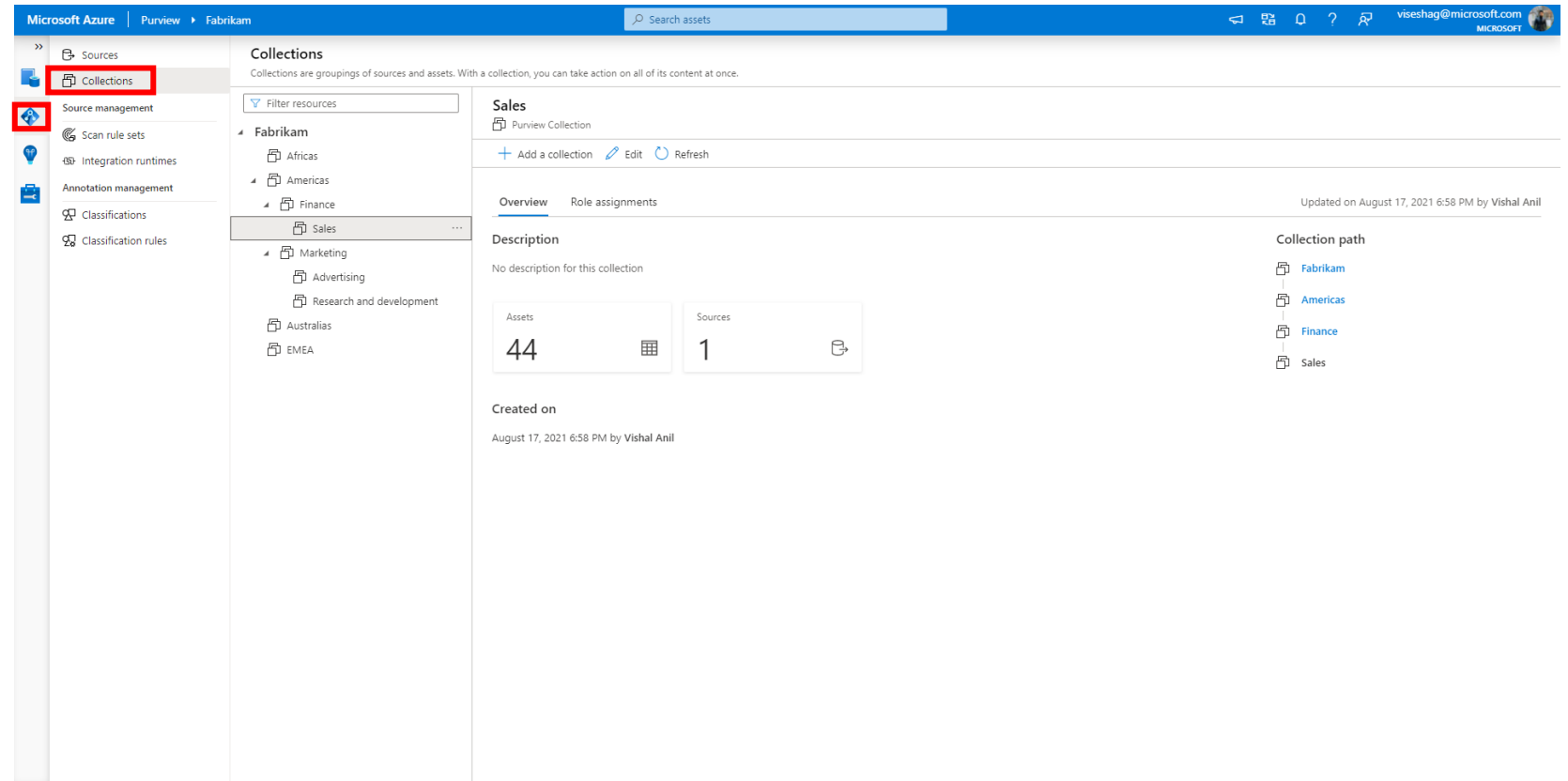
Microsoft Purview Data Map Collections

Collections

Organize assets and sources based on your business' requirements, and restrict access to them using Purview Collections

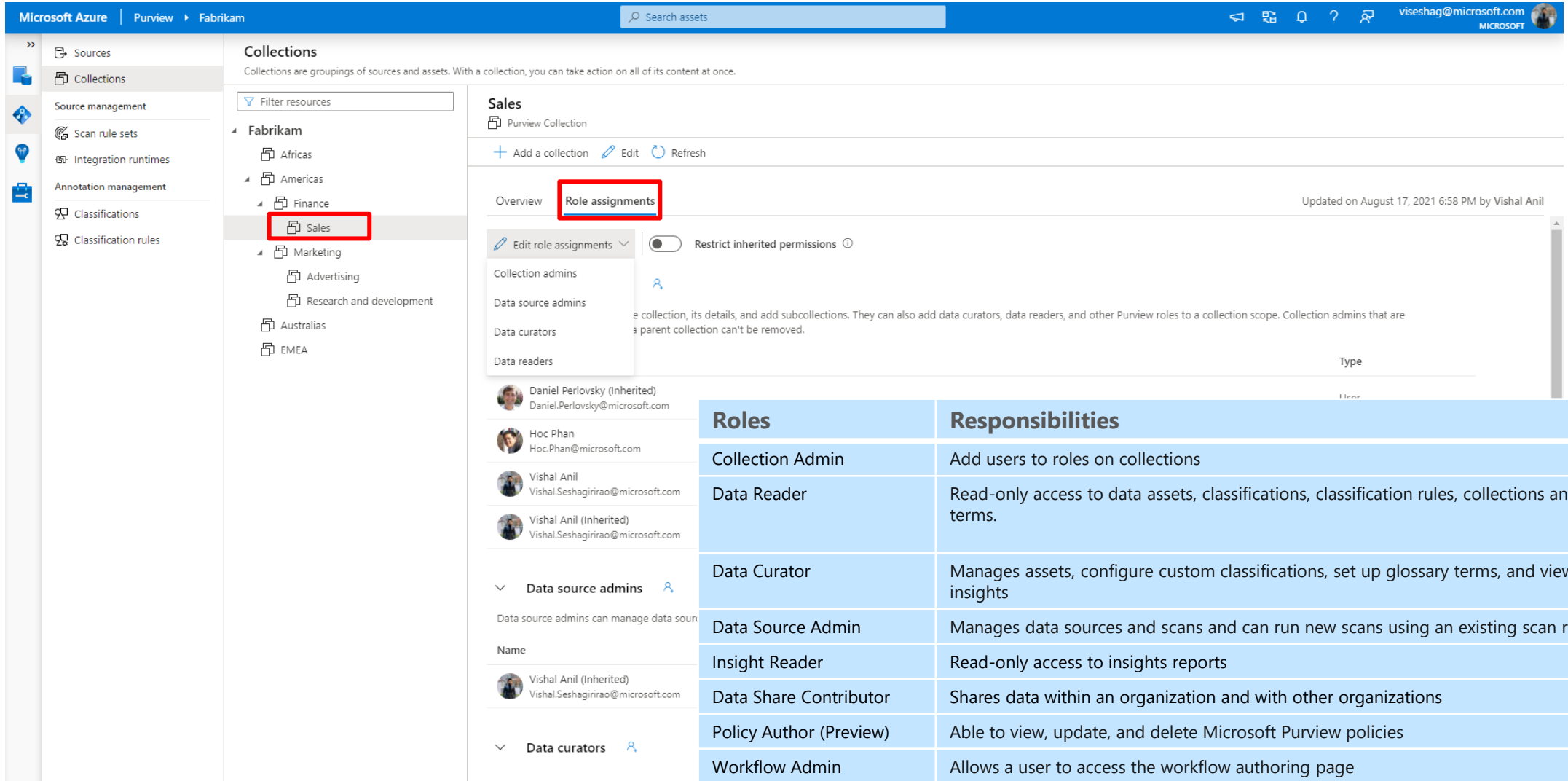
Benefits

- A collection is a tool Microsoft Purview uses to group assets, sources, and other artifacts into a hierarchy
- Provide fine-grained access control
- Discover assets by collection



Collections – assigning roles

Assign Purview roles at the collection level to users, groups and service principals



The screenshot shows the Microsoft Purview interface. In the left sidebar, the 'Collections' section is expanded, and the 'Sales' collection is highlighted. The main pane displays the 'Sales' collection details, including a 'Role assignments' tab that is highlighted with a red box. Below this, a list of role assignments is shown, including 'Collection admins', 'Data source admins', 'Data curators', and 'Data readers'. A table on the right side of the interface lists the roles and their responsibilities.

Roles	Responsibilities
Collection Admin	Add users to roles on collections
Data Reader	Read-only access to data assets, classifications, classification rules, collections and glossary terms.
Data Curator	Manages assets, configure custom classifications, set up glossary terms, and view data estate insights
Data Source Admin	Manages data sources and scans and can run new scans using an existing scan rule.
Insight Reader	Read-only access to insights reports
Data Share Contributor	Shares data within an organization and with other organizations
Policy Author (Preview)	Able to view, update, and delete Microsoft Purview policies
Workflow Admin	Allows a user to access the workflow authoring page

Collections – restricting access

Lock down certain collections of assets by restricting inherited permissions

The screenshot shows the Microsoft Purview interface for managing collections. The left sidebar contains navigation options: Sources, Collections, Source management, Scan rule sets, Integration runtimes, Annotation management, Classifications, and Classification rules. The main area displays the 'Sales' collection, which is a Purview Collection. The 'Role assignments' tab is active, showing a list of users assigned to the collection. A red box highlights the 'Restrict inherited permissions' toggle, which is currently turned on. Below the toggle, there are sections for 'Collection admins', 'Data source admins', and 'Data curators', each with a list of users and their roles.

Microsoft Azure | Purview > Fabrikam Search assets

Collections
Collections are groupings of sources and assets. With a collection, you can take action on all of its content at once.

Filter resources

Fabrikam

- Africas
- Americas
- Finance
- Sales**
- Marketing
 - Advertising
 - Research and development
- Australias
- EMEA

Sales
Purview Collection

+ Add a collection Edit Refresh

Overview **Role assignments** Updated on August 17, 2021 6:58 PM by Vishal Anil

Edit role assignments Restrict inherited permissions ⓘ

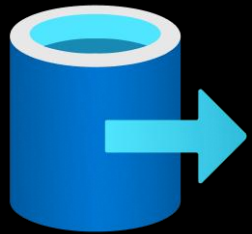
Collection admins ⓘ
The collection admins can manage the collection, its details, and add subcollections. They can also add data curators, data readers, and other Purview roles to a collection scope. Collection admins that are assigned to a parent collection can't be removed.

	Type
Daniel Perlovsky (Inherited) Daniel.Perlovsky@microsoft.com	User
Hoc Phan Hoc.Phan@microsoft.com	User
Vishal Anil Vishal.Seshagiri Rao@microsoft.com	User
Vishal Anil (Inherited) Vishal.Seshagiri Rao@microsoft.com	User

▼ **Data source admins** ⓘ
Data source admins can manage data sources and data scans.

Name	Type
Vishal Anil (Inherited) Vishal.Seshagiri Rao@microsoft.com	User

▼ **Data curators** ⓘ



Microsoft Purview Data Map

Sources

(Automated Scanning, Classification, Open APIs to populate the Data Map)

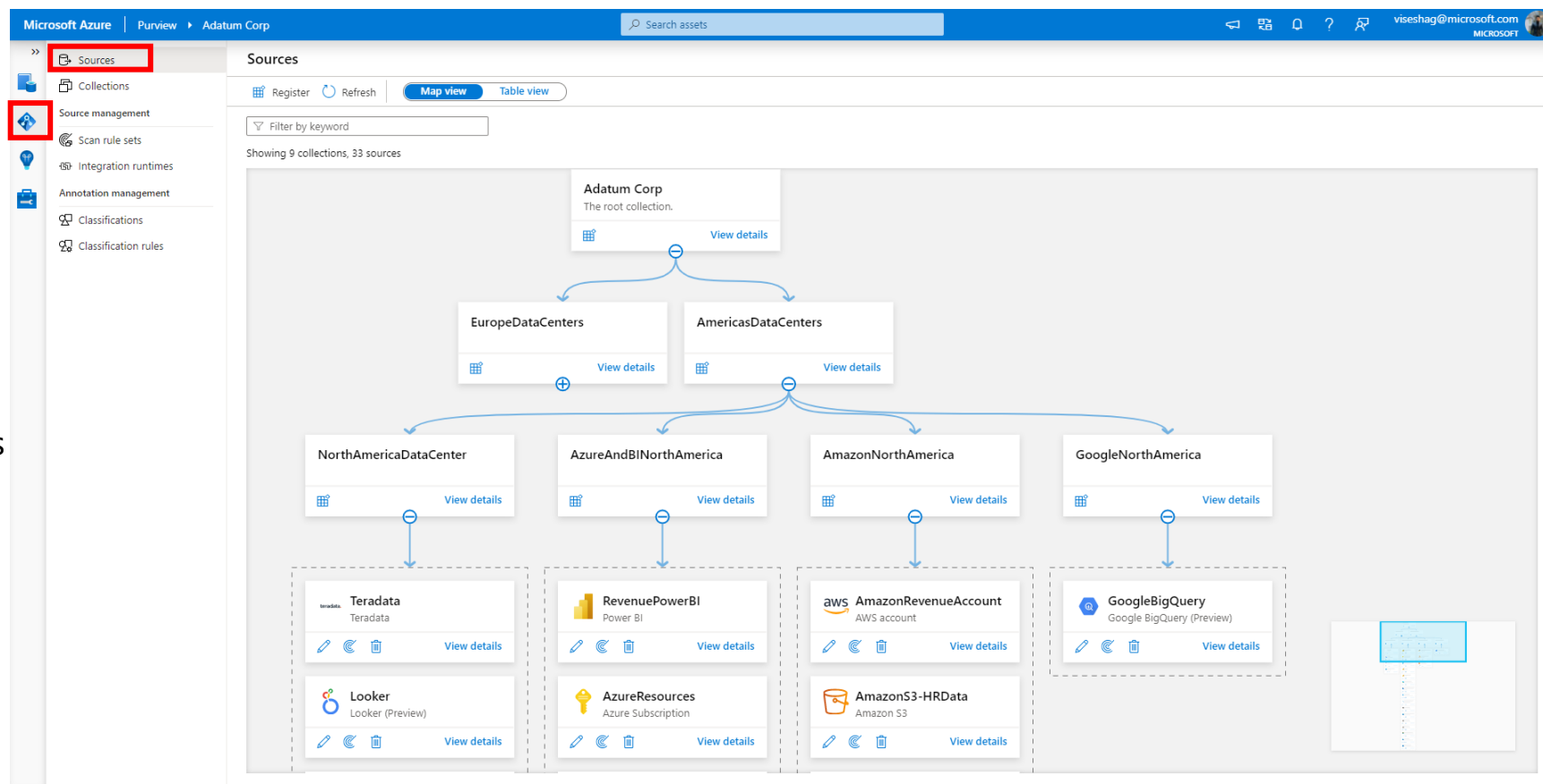
Sources

[Microsoft Purview Data Map supported data sources and file types - Microsoft Purview | Microsoft Docs](#)

Map your data to manage an enriched metadata map of operational and transactional data no matter where it lives

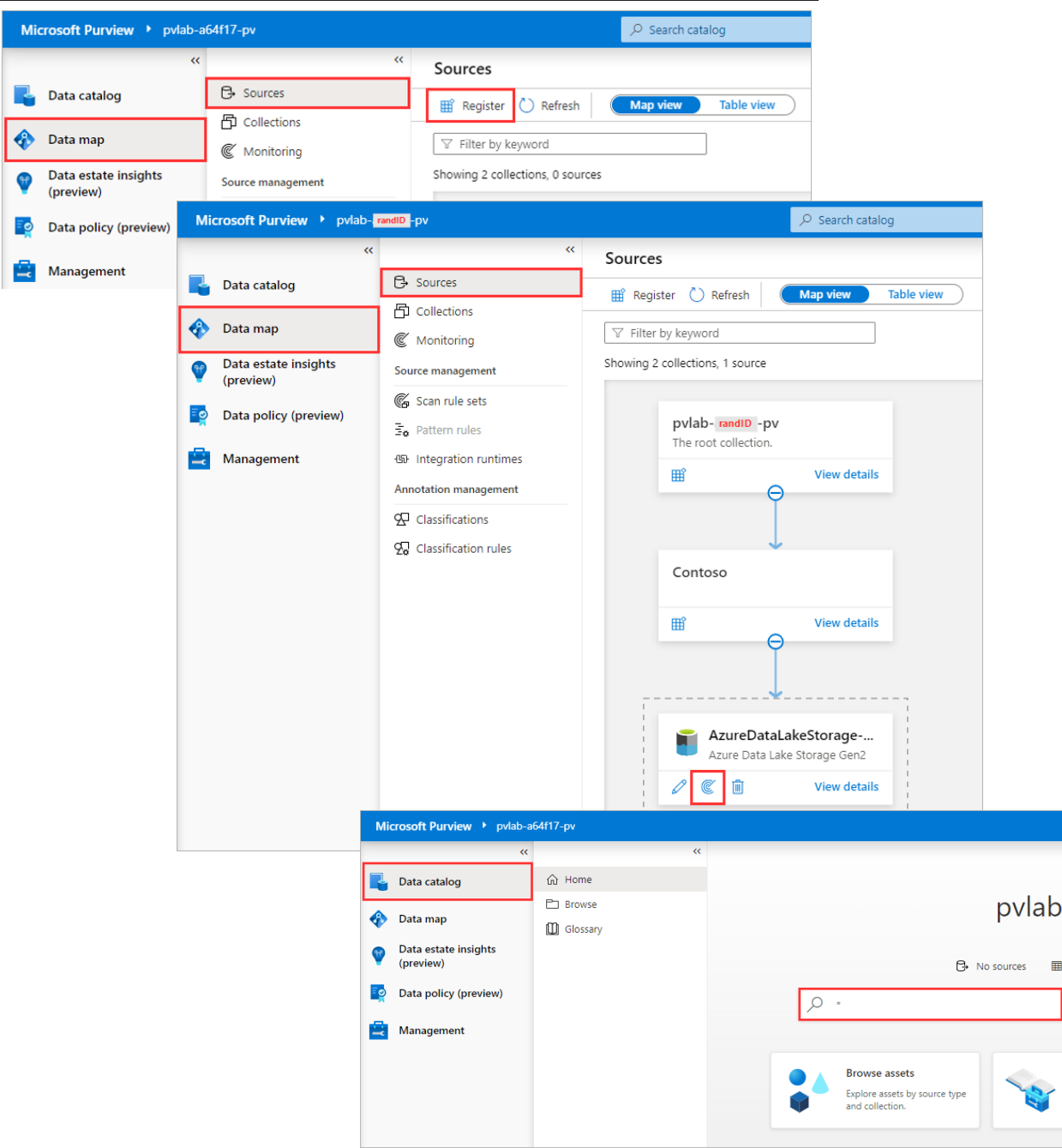
Benefits

- Automated scanning of on-prem, multicloud, SaaS data
- Discover sensitive data stored in Azure, AWS, Google cloud and other services
- Discover Azure data sources, PowerBI, SQL better. Leverage turnkey integrations with Power BI, SQL (on-prem, azure, MI) and key Azure Data Services such as Azure Synapse, Cosmos DB, ADLS.
- Manage metadata and scale understanding of data with automated, fully managed, serverless metadata management capability
- Leverage Apache Atlas Open APIs to programmatically publish metadata and lineage from a wide range open-source data systems



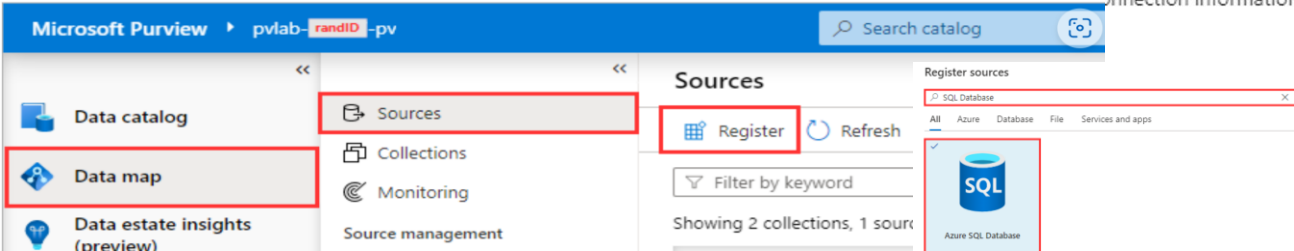
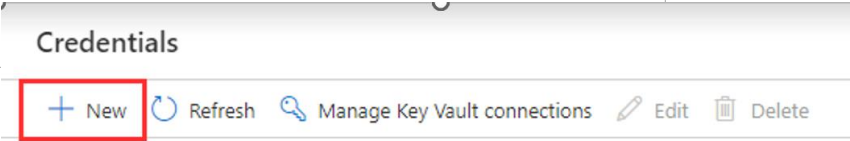
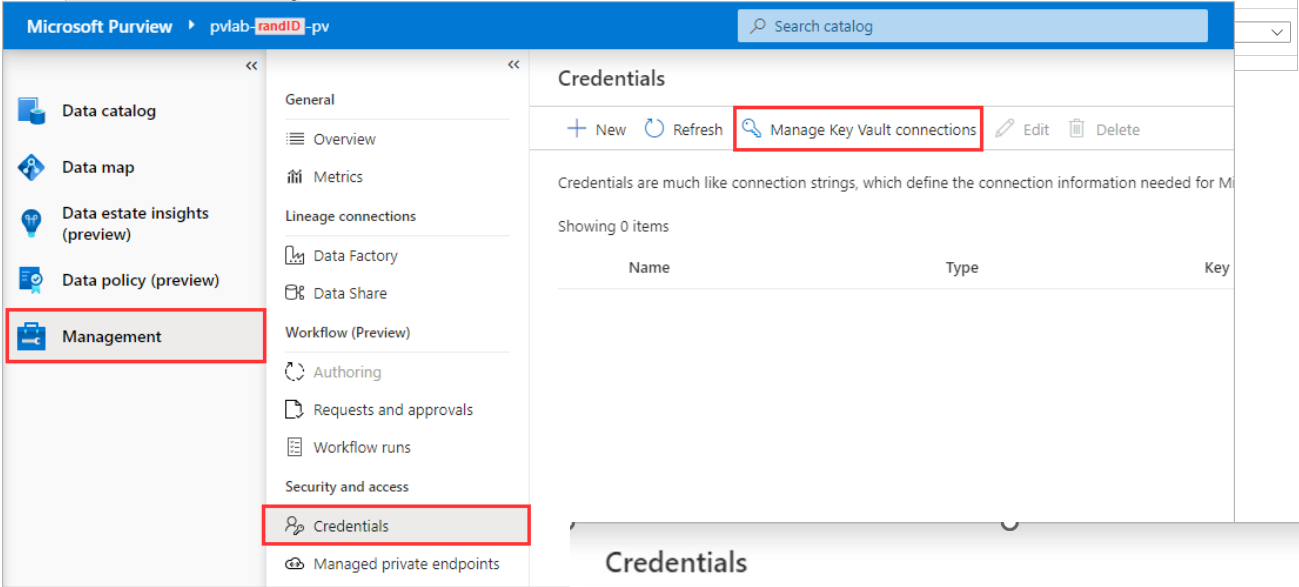
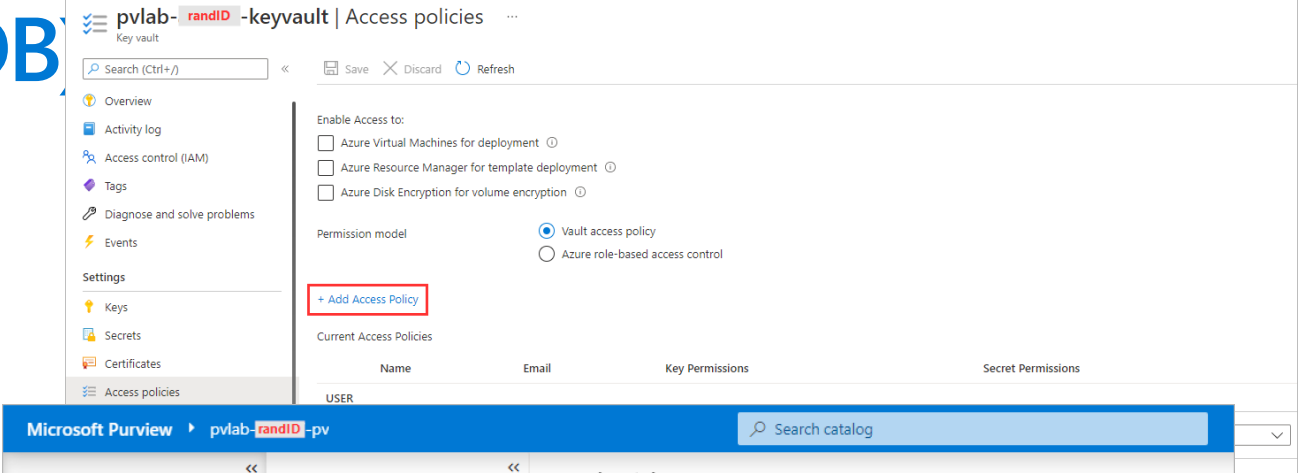
Register & Scan (ADLS Gen2)

Key Steps	Roles
Create Storage	Azure Administrator
Grant Microsoft Purview Managed Identity access to ADLS Gen2 Storage	Azure Administrator
Upload data to ADLS Gen 2 storage	Azure Administrator
Create new Collection	Collection Administrator
Register a source (ADLS Gen2)	Data Source Administrator
Scan source with the Microsoft Purview Managed Identity	Data Source Administrator
View Assets	Data Reader



Register & Scan (Azure SQL DB)

Key Steps	Roles
Create Azure SQL DB	Azure Administrator
Create Key Vault	Azure Administrator
Grant Microsoft Purview access to Key Vault	Azure Administrator
Access Policies→Add Access Policy→Select Principal→GET, READ→	
Generate Secret for Azure SQL DB user and password	Azure Administrator
Add Credentials to Microsoft Purview	Microsoft Purview Administrator
Register a source (SQL Database)	Data Source Administrator
Scan source with Azure Key Vault Credentials	Data Source Administrator
View Assets	Data Reader



Data Map– Integration runtimes

Integration runtimes are the compute infrastructure used by scanners to provide automated data scanning, lineage and classification capabilities across different network and Multi-Cloud environments including on-prem environments

Three Options Scanning Sources:

- **Microsoft Purview default's integration runtime:** this option is useful when connecting to data stores and computes services with public accessible endpoints.
- **Self-hosted integration runtimes (SHIR):** this option particularly useful for VM-based data sources or applications that either sit in a private network (VNET) or other networks, such as on-premises.
- **Managed Virtual Network Integration Runtime:** this new option supports connecting to data stores using private link service in private network environment. This ensures that data scanning process is completely isolated and secure, while also being fully managed.

The screenshot displays the Microsoft Purview Data Map interface. On the left, the 'Integration runtimes' section is highlighted in the navigation pane. The main area shows a table of integration runtimes with one entry: 'OnPremSHIR' of type 'Self-Hosted' and status 'Running'. A red box highlights the '+ New' button, and a red arrow points from it to the 'Self-Hosted' option in the 'Integration runtime setup' panel on the right. Below the table, a card for 'AzureDataLakeStorage-...' (Azure Data Lake Storage Gen2) is shown, with a red box around the 'Add' icon (a circle with a plus sign). To the right, a detailed view of the 'Scan "AzureDataLakeStorage-pvlab2bea4eadls"' configuration is shown. In this view, the 'Connect via integration runtime' dropdown is set to 'Azure AutoResolveIntegrationRuntime' and is highlighted with a red box. Other fields include 'Name' (Scan-Bid), 'Credential' (Microsoft Purview MSI (system)), and 'Select a collection' (pvlab-iw-pv > Contoso). A note at the bottom states: 'All assets scanned will be included in the collection you select.'

Data Map – Custom Classification rules

Add new classification

Name *

Twitter Handle

Friendly name will display as

Twitter Handle

Description

The username that appears at the end of your unique Twitter URL

OK

Microsoft Purview

pvlab-a64f17-pv

Search catalog

Data catalog

Data map

Data estate insights (preview)

Data policy (preview)

Management

Sources

Collections

Monitoring

Source management

Scan rule sets

Pattern rules

Integration runtimes

Annotation management

Classifications

Classification rules

Classification rules

+ New

Edit

Delete

Refresh

Disable

Enable

System

Custom

How Micro

Filter

Name

ABA Rout

Age of an

Argentina

Australia

Australia

Australia

Australia

Australia

New classification rule

Name *

twitter_handle

Description

The username that appears at the end of your unique Twitter URL

Classification name *

Twitter Handle

State *

Enabled

Select a type *

Regular expression

Upload a file to generate an expression or type a pattern.

Dictionary

Upload a file that contains all possible values for the classification you're creating in a single column.

Continue

Cancel

Create New Scan Rule Set

Microsoft Purview

pvlab-**rand0**-pv

Search catalog

Data catalog

Data map

Data estate insights (preview)

Data policy (preview)

Management

Sources

Collections

Monitoring

Source management

Scan rule sets

Pattern rules

Integration runtimes

Annotation management

Classifications

Scan rule sets

+ New

Edit

Delete

Refresh

System

Custom

Name	Source type
AzureSqlDatabaseManagedInstance	Azure SQL Managed Instance
AzureSqlDatabase	Azure SQL Database
AzureCosmosDb	Azure Cosmos DB (SQL API)
AzurePostgreSql	Azure Database for PostgreSQL
AmazonPostgreSql	Amazon RDS (PostgreSQL) (Preview)

Select file types

+ New file type

File types for schema extraction and classification.

CSV

CSV

JSON

JSON

PSV

PSV

SSV

SSV

TSV

TSV

TXT

TXT

XML

XML

PARQUET

PARQUET

AVRO

AVRO

ORC

ORC

Document file types

Document file types

GZIP

GZIP

Continue

Back

Cancel

Select classification rules

Choose classification rules that will run on the dataset.

System rules

☐ > Government

☐ > Financial

☐ > Base

☐ > Personal

☐ > Security

☐ > Miscellaneous

Custom rules

☒ Custom classification rules

☒ twitter_handle

Continue

Back

1 classification rule selected

Cancel

Select a scan rule set

+ New scan rule set

Refresh

Select one scan rule set to be used by your scan.

AdlsGen2

SYSTEM DEFAULT

Microsoft default scan rule set that includes all supported file types for schema extraction and classification, and all supported system classification rules

View detail

twitter_scan_rule_set

Custom scan rule set to detect parquet files and classify twitter handles.

View detail

Continue

Search results for *

Source type : all

Instance : all

Clear all filters

Filter by keyword

Object Type

Collection

Classification

Showing 1-1 out of 1 results

twitter_handles.parquet

Azure Data Lake Storage Gen2 Path

https://pvlab-rand0-adls.dfs.core.windows.net/raw/Twitter/twitter_handles.parquet

twitter_handles.parquet

Azure Data Lake Storage Gen2 | File

Edit

Select for bulk edit

Request access

Refresh

Delete

Edit columns

Overview

Properties

Schema

Lineage

Contacts

Related

Filter by name

Showing 7 of 7 items

Column name	Classifications	Sensitivity label
Account name	Twitter Handle	
Activity		
Change		
Country		
Followers		
Owner		
Rank		



Microsoft Purview Catalog

Business Glossary

(Search & Browse your data estate from a business lens)

Business Glossary

Consistent and curated understanding of business terms and definitions

Benefits

- Understand business context associated with data in the organization
- Bulk Import glossary terms from existing data dictionaries easily
- Flexible business terms definition with custom attributes per business domain
- Browse & Search your data estate from a business lens
- Establish hier

Microsoft Azure | Purview | Adatum Corp

Search assets

nayenama@microsoft.com

Data catalog >

Glossary terms

+ New term Manage term templates Edit Import terms Export terms Delete Refresh

Filter by keyword Term template: All Status: All Contact: All

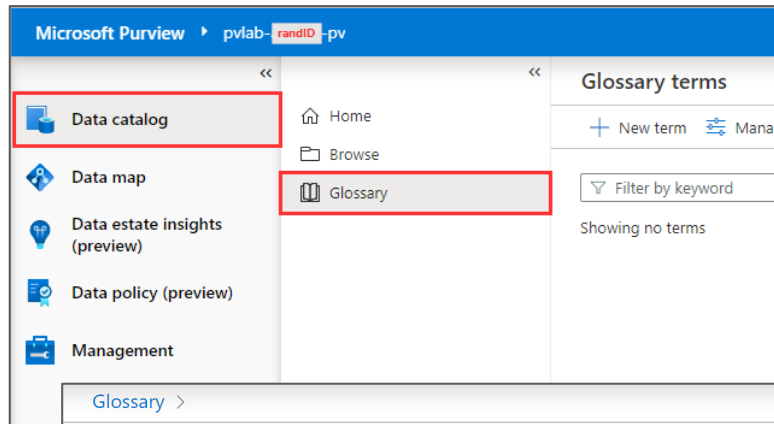
Showing 114 terms

☐	Name	Term template	Status	Definition	Stewards	Experts	Last updated	Action
☐	Adatum Corporation Retail Foundation	System default	Approved	Delivery Unit (D...	-	-	08/27/2021 16:13	...
☐	Adatum Corporation Retail-curated Content	System default	Approved	Transactional c...	-	-	08/27/2021 16:13	...
☐	Administrative and Support and Waste Manage...	System default	Approved	Adatum Corpor...	-	-	08/27/2021 16:13	...
☐	Advisory Services (AS)	System default	Approved	Delivery Unit (D...	-	-	08/27/2021 16:13	...
☐	Ancillary	System default	Approved	Adatum Corpor...	-	-	08/27/2021 16:13	...
☐	Applied Technology (AT)	System default	Approved	Internal facing ...	-	-	08/27/2021 16:13	...
☐	Architectural and Engineering	System default	Approved	Industry involi...	-	-	08/27/2021 16:13	...
☐	Arts, Entertainment, and Recreation	System default	Approved	Adatum Corpor...	-	-	08/27/2021 16:13	...
☐	Asset Management	System default	Approved	Adatum Corpor...	-	-	08/27/2021 16:13	...
☐	Assurance	System default	Approved	Delivery Unit (D...	-	-	08/27/2021 16:13	...
☐	Assurance Professional Practice	System default	Approved	Delivery Unit (D...	-	-	08/27/2021 16:13	...
☐	Audit	System default	Approved	Delivery Unit (D...	-	-	08/27/2021 16:13	...
☐	Automotive	System default	Approved	Adatum Corpor...	-	-	08/27/2021 16:13	...
☐	Banking	System default	Approved	Adatum Corpor...	-	-	08/27/2021 16:13	...
☐	BCU Datalden1	System default	Approved	dfsdfsdf	-	-	08/27/2021 16:13	...
☐	Benefit Plan Services	System default	Approved	Delivery Unit (D...	-	-	08/27/2021 16:13	...
☐	Business Unit (BU)	System default	Approved	Adatum Corpor...	-	-	08/27/2021 16:13	...

Business Glossary

Establishing hierarchical business glossary to achieve the following:

- Define parent-child relationship between terms.
- Same term name can be created in different parents to contextualize them as per organization needs.



Glossary >

Glossary terms

+ New term Manage term templates Edit Import terms Export terms Delete Refresh

Filter: Market Deve Term template: All Status: All Contact: All

Showing 6 terms

☐	Name	Term template	Status	Definition	Stewards	Experts	Last updated	Action
☐	▼ Market Development and Sales (MDS)	System default	✓ Approved	Internal facing ...	Mike Flasko , + 1 more	Gaurav Malhotra	06/25/2021 12:27	...
☐	Market Development and Sales - Europe	Sales Template	✓ Approved	Internal facing ...	-	-	02/25/2021 10:49	...
☐	▼ Market Development and Sales - North Am...	Sales Template	✓ Approved	Internal facing ...	-	-	02/25/2021 10:54	...
☐	Market Development - Central US	System default	📄 Draft	Market Develo...	-	-	02/25/2021 10:55	...
☐	Market Development and Sales - Midwe...	System default	📄 Draft		-	-	02/26/2021 15:44	...

Business Glossary

Flexible business terms definition per business domain

Microsoft Azure | Purview > Adatum Corp

Search assets

nayenama@microsoft.com

Data catalog >

Glossary terms

+ New term **Manage term templates** Edit Import terms Export terms Delete Refresh

Filter by keyword Term template : All Status : All Contact : All

Showing 114 terms

☐	Name	Term template	Status	Definition
☐	Adatum Corporation Retail Foundation	System default	Approved	Delivery Unit (D...
☐	Adatum Corporation Retail-curated Content	System default	Approved	Transactional c...
☐	Administrative and Support and Waste Managem...	System default	Approved	Adatum Corpor...
☐	Advisory Services (AS)	System default	Approved	Delivery Unit (D...
☐	Ancillary	System default	Approved	Adatum Corpor...
☐	Applied Technology (AT)	System default	Approved	Internal facing ...
☐	Architectural and Engineering	System default	Approved	Industry involi...
☐	Arts, Entertainment, and Recreation	System default	Approved	Adatum Corpor...
☐	Asset Management	System default	Approved	Adatum Corpor...
☐	Assurance	System default	Approved	Delivery Unit (D...
☐	Assurance Professional Practice	System default	Approved	Delivery Unit (D...
☐	Audit	System default	Approved	Delivery Unit (D...
☐	Automotive	System default	Approved	Adatum Corpor...
☐	Banking	System default	Approved	Adatum Corpor...
☐	BCU Datalden1	System default	Approved	dfsdfsdf
☐	Benefit Plan Services	System default	Approved	Delivery Unit (D...
☐	Business Unit (BU)	System default	Approved	Adatum Corpor...

Manage term templates

System Custom

+ New term template Refresh

You can create new term template with custom attributes and manage them here.

Filter by keyword All term templates

Attribute name	Field type	Description
Banking Template ⓘ		
Bank Code	Text	
Bank Location *	Single choice	
CountryDetails ⓘ		
Country	Single choice	
Customer Template ⓘ		
Code *	Text	
Tier	Single choice	
Human Resources Template ⓘ		
Data Privacy *	Single choice	
MachineManufacturer ⓘ		
MachineType	Multiple choice	
ManufacturingTemplate ⓘ		
Code *	Single choice	
Sales Template ⓘ		
Code & Values	Text	

OK

Update Existing Term

Aggregation

Term | System default

Edit

Delete

Refresh

New child term

Overview

Related

Contacts

Synonyms

Related terms

Children

Showing no terms

Name

Edit term "Aggregation"

Term template

System default

Overview

Related

Contacts

Synonyms ⓘ

2 selected

Related terms ⓘ

☐ Contoso Parent > Contoso Child

☐ Workplace Analytics

☐ Workplace Analytics > Adjusted meeting hours

☒ Workplace Analytics > Attended

☒ Workplace Analytics > Attendee

☐ Workplace Analytics > Attended

Edit term "Aggregation"

Term template

System default

Overview

Related

Contacts

Synonyms ⓘ

2 selected

Related terms ⓘ

☐ Workplace Analytics > Calendar fragmentation

☐ Workplace Analytics > Call

☒ Workplace Analytics > Collaborator group

☒ Workplace Analytics > Collaborators

☐ Workplace Analytics > Common network

Assign a Term to an Asset

Microsoft Purview

pvlab-randID-pv

Data catalog

Data map

Data estate insights (preview)

Data policy (preview)

Search results for *

Source type : all Instance : all Clear all filters

Filter by keyword

Showing 1-25 out of 83 results

QueriesByState

Azure Data Lake Storage Gen2 Resource Set

Data catalog > Search results *** >

QueriesByState

Azure Data Lake Storage Gen2 Resource Set

Edit Select for bulk edit Request access Refresh Delete

Overview Properties Schema Lineage Contacts Related

Asset description

This dataset was curated from the Bing search logs (desktop users only) over the period of Jan 1st, 2020 – (Current Month - 1). Only searches that were issued many times by multiple users were included. The dataset includes queries from all over the world that had an intent related to the Coronavirus or Covid-19. In some cases this intent is explicit in the query itself (e.g., "Coronavirus updates Seattle").

Classifications (1)

World Cities

Schema classifications (1)

Country/Region

Fully qualified name

https://pvlab-randID-adls.dfs.core.windows.net/raw/BingCoronavirusQuerySet/(NI)/QueriesByState

Edit "QueriesByState"

Overview Schema Contacts

Name

QueriesByState

Asset description

This dataset was curated from the Bing search logs (desktop users only) over the period of Jan 1st, 2020 – (Current Month - 1). Only searches that were issued many times by multiple users were included. The dataset includes queries from all over the world that had an intent related to the Coronavirus or Covid-19. In some cases this intent is explicit in the query itself (e.g., "Coronavirus updates Seattle").

Classifications

World Cities

Glossary terms

Contoso Parent > Contoso Child

☐ Contoso Parent

☒ Contoso Parent > Contoso Child

☐ Workplace Analytics

☐ Workplace Analytics > Adjusted meeting hours

☐ Workplace Analytics > Aggregation

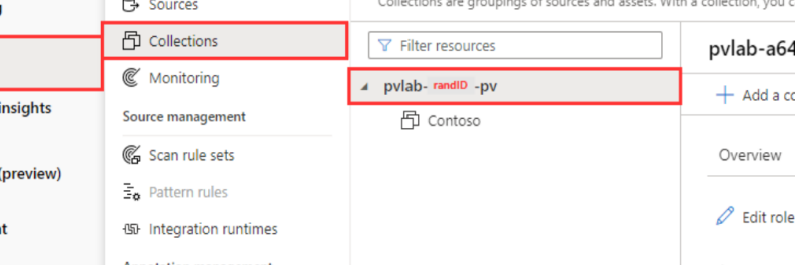
☐ Workplace Analytics > Attended

Save Cancel



Microsoft Purview Studio

Lineage



Microsoft Purview | pvlab- randID -pv

Search catalog

Data catalog

Data map

Data estate insights (preview)

Data policy (preview)

Management

Sources

Collections

Monitoring

Source management

Scan rule sets

Pattern rules

Integration runtimes

Annotation management

Classifications

Classification rules

Collections

Collections are groupings of sources and assets. With a collection, you can take action on all of its contents.

Filter resources

pvlab- randID -pv

Contoso

pvlab-a64f17-pv

Add a collection Refresh

Overview **Role assignments**

Edit role assignments

> **Collection admins**

> **Data source admins**

> **Data curators**

Data curators can perform create, read, update, and delete operations on data assets.

Name

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pvlab- randID -adf
AZURE_AD_OBJECT_ID

Taygan Rifat

The image displays three overlapping screenshots of the Microsoft Purview web interface, illustrating the steps to view the lineage of a specific data asset.

Top Screenshot: Shows the 'Browse assets' view. The 'By source type' filter is selected. The asset 'CopyPipeline_2wa' is highlighted in the list.

Middle Screenshot: Shows the details page for the 'Copy_2wa' activity. The 'Lineage' tab is selected, showing the activity's name and type (Azure Data Factory Copy Activity).

Bottom Screenshot: Shows the 'Lineage' view for the 'Copy_2wa' activity. The lineage diagram is displayed, showing the flow from 'QueriesByCountry' and 'QueriesByState' to the 'Copy_2wa' activity, which then flows into a 'merged' activity.



Microsoft Purview Studio

Synapse Integration

Synapse Integration

Microsoft Azure | Synapse Analytics | pvlab-randID-synapse

Home

Data

Develop

Integrate

Monitor

Manage

Synapse live

Validate all

Publish all

Analytics pools

SQL pools

Apache Spark pools

Data Explorer pools (preview)

External connections

Linked services

Microsoft Purview

Integration

Triggers

Integration runtimes

Security

Access control

Credentials

Managed private endpoints

Configurations + libraries

Workspace packages

Microsoft Purview

Connecting Azure Synapse workspace to Microsoft Purview will enable you to discover trusted and accurate data across your hybrid environment. [Learn more](#)

Connect to a Purview account

Microsoft Azure | Synapse Analytics | pvlab-randID-synapse

Purview

parquet

Home

Data

Develop

Integrate

Monitor

Manage

Data

Workspace

Linked

Filter resources by name

Purview search

Search results for parquet

Source type : all

Instance : all

Clear all filters

Filter by keyword

Object Type

Dashboards

Showing 1-2 out of 2 results

merged

Azure Data Lake Storage Gen2 Resource Set

Purview search

Search results "parquet" > twitter_handles.parquet

twitter_handles.parquet

Azure Data Lake Storage Gen2 | File

Edit

Select for bulk edit

Request access

Refresh

Delete

Connect

Develop

New SQL script

New notebook

New data flow

Overview

Properties

Schema

Lineage

Contacts

Related

Asset description

No description for this asset.

Classifications

Collection path

pvlab-a64f17-pv

Contoso



Microsoft Purview Data Estate Insights

Data Estate Insights

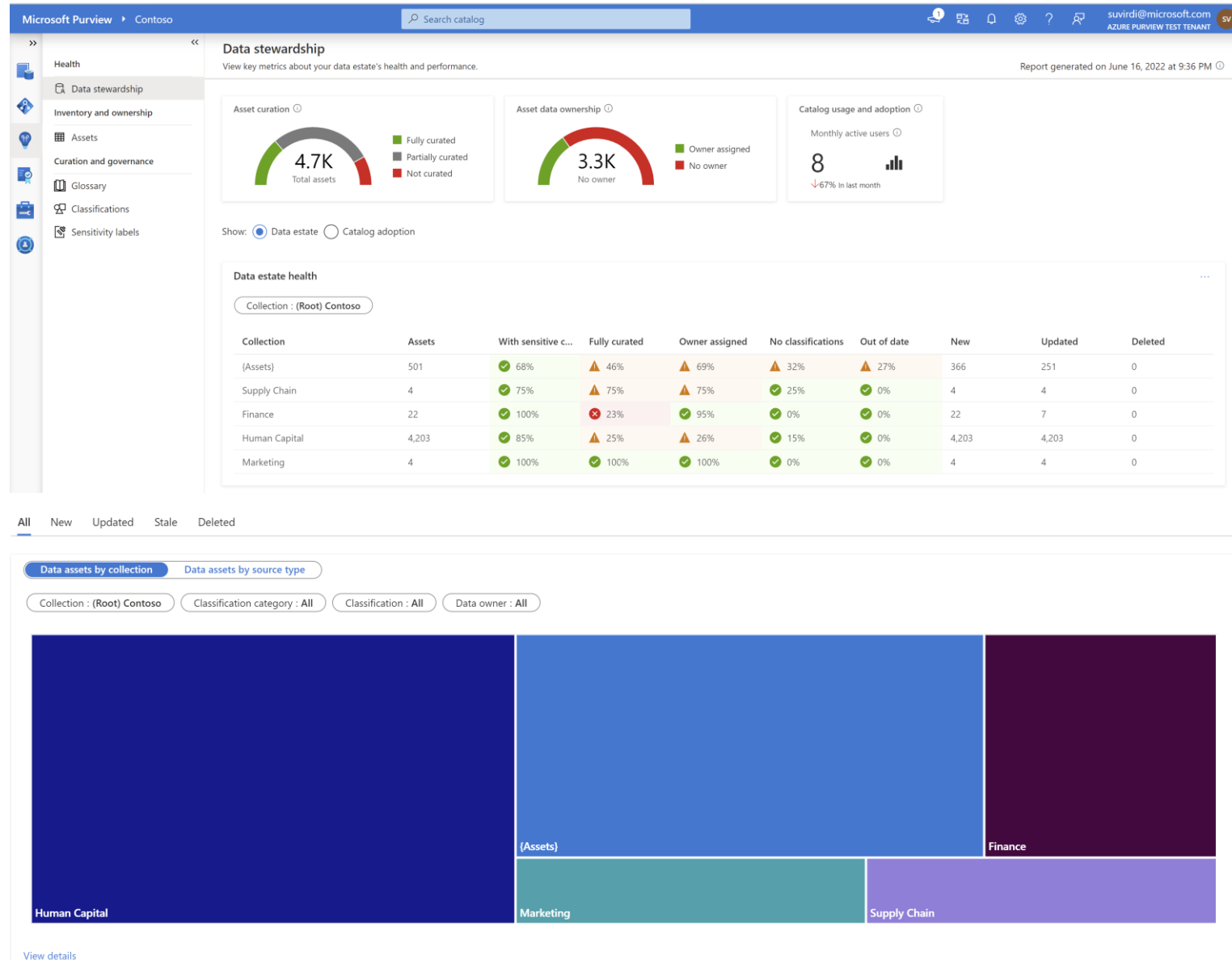
(Bird's eye view of your Data Estate)

Data Estate Insights

Bird's eye view of data landscape

Benefits

- Intended to help users such as Chief Data Officers quickly understand their data estate at large and gain key insights such as where sensitive data resides
- Asset Insights to see where all data resides across Collections and range of source types. Glossary insights to understand changes made to business terms and how much coverage glossary has over your data map
- Sensitive data Insights to simplify compliance risk assessment across operational and transactional data sources. Assess risk and derive audit trails of data qualified by sensitivity and business relevance



Data stewardship

A view of the data estate health and insights into the catalog's adoption

>>

Health

Data stewardship

Inventory and ownership

Assets

Curation and governance

Glossary

Classifications

Sensitivity labels

<<

Data stewardship

View key metrics about your data estate's health and performance.

Report generated on June 16, 2022 at 9:36 PM ⓘ

Asset curation ⓘ

4.7K

Total assets

Fully curated

Partially curated

Not curated

Asset data ownership ⓘ

3.3K

No owner

Owner assigned

No owner

Catalog usage and adoption ⓘ

Monthly active users ⓘ

8

↓ 67% in last month

Show: ☒ Data estate ☐ Catalog adoption

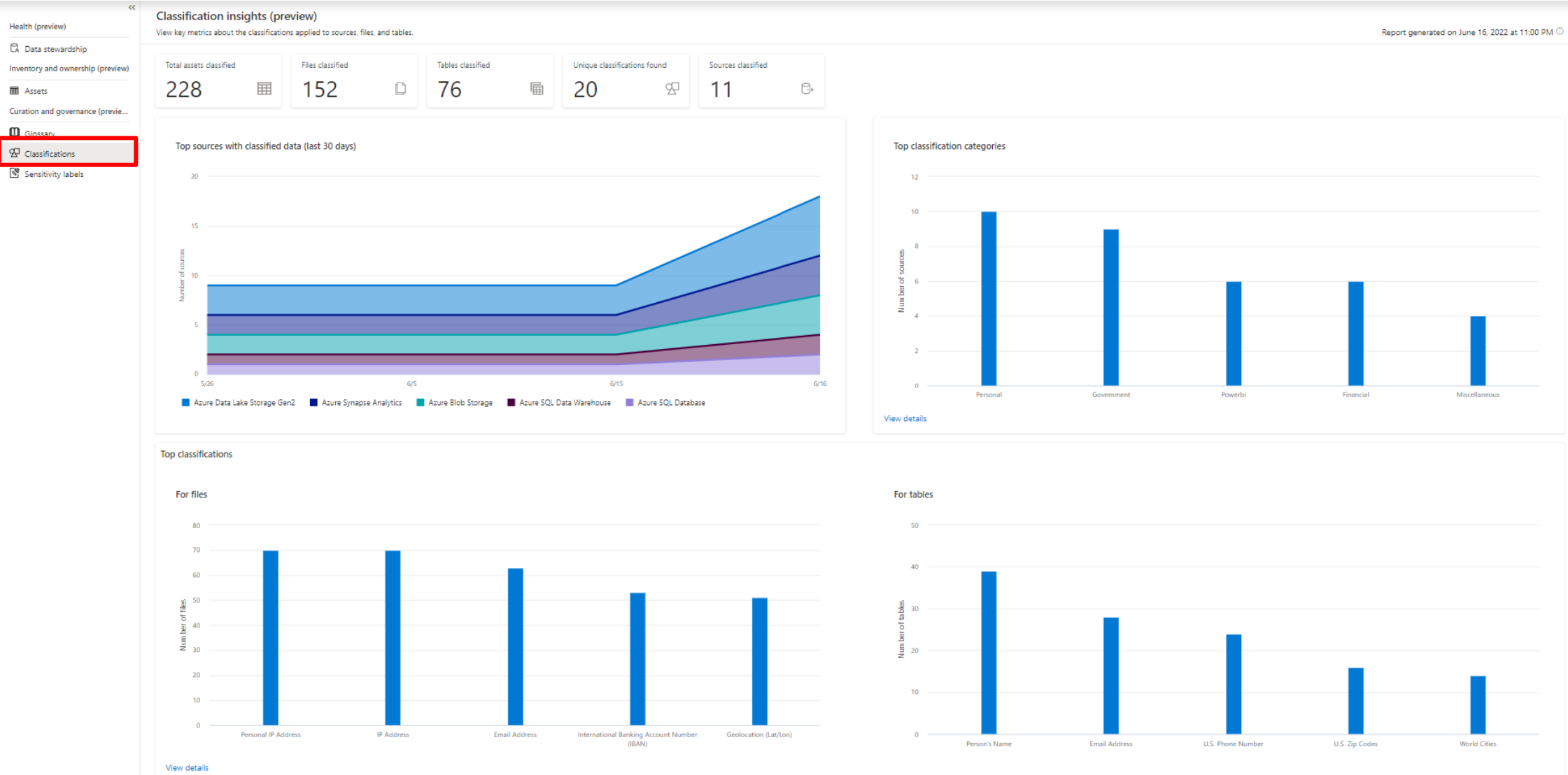
Data estate health

Collection : (Root) Contoso

Collection	Assets	With sensitive c...	Fully curated	Owner assigned	No classifications	Out of date	New	Updated	Deleted
{Assets}	501	✓ 68%	⚠ 46%	⚠ 69%	⚠ 32%	⚠ 27%	366	251	0
Supply Chain	4	✓ 75%	⚠ 75%	⚠ 75%	✓ 25%	✓ 0%	4	4	0
Finance	22	✓ 100%	✗ 23%	✓ 95%	✓ 0%	✓ 0%	22	7	0
Human Capital	4,203	✓ 85%	⚠ 25%	⚠ 26%	✓ 15%	✓ 0%	4,203	4,203	0
Marketing	4	✓ 100%	✓ 100%	✓ 100%	✓ 0%	✓ 0%	4	4	0

Classifications

Understand what sensitive data exists across the data estate from various lens





Microsoft Purview Studio

Rest API

REST API

What is Apache Atlas?

"Apache Atlas provides open metadata management and governance capabilities for organizations to build a catalog of their data assets, classify and govern these assets and provide collaboration capabilities around these data assets for data scientists, analysts and the data governance team."

Microsoft Purview

Interface



Governance Portal

Data Catalog | Data Map | Data Estate Insights | Data Policy | Management



Custom

Custom Connectors | Custom Lineage | Custom UX | ...

Platform (REST API Endpoints)



Account

Account | Collection
Resource Set Rule



Catalog

Entity | Glossary | Lineage
Relationship | Types | Search



Map & Discover

Asset | Scan



Policy Store

Metadata Policies | Data Policies



Scan

Class, Rule | Credential | Source
Scan | Filter | Ruleset | Trigger

Types



A definition of how a particular type of metadata object is stored and accessed.

Entity



An instance of an entity "type" (i.e. entityDef) is an entity.

Glossary



A hierarchical set of business terms that represents your business domain.

Relationship



Relationships between entities.

Lineage



Return lineage information about an entity.

Discovery*



Data discovery using DSL or full text search.



Apache Atlas 2.2

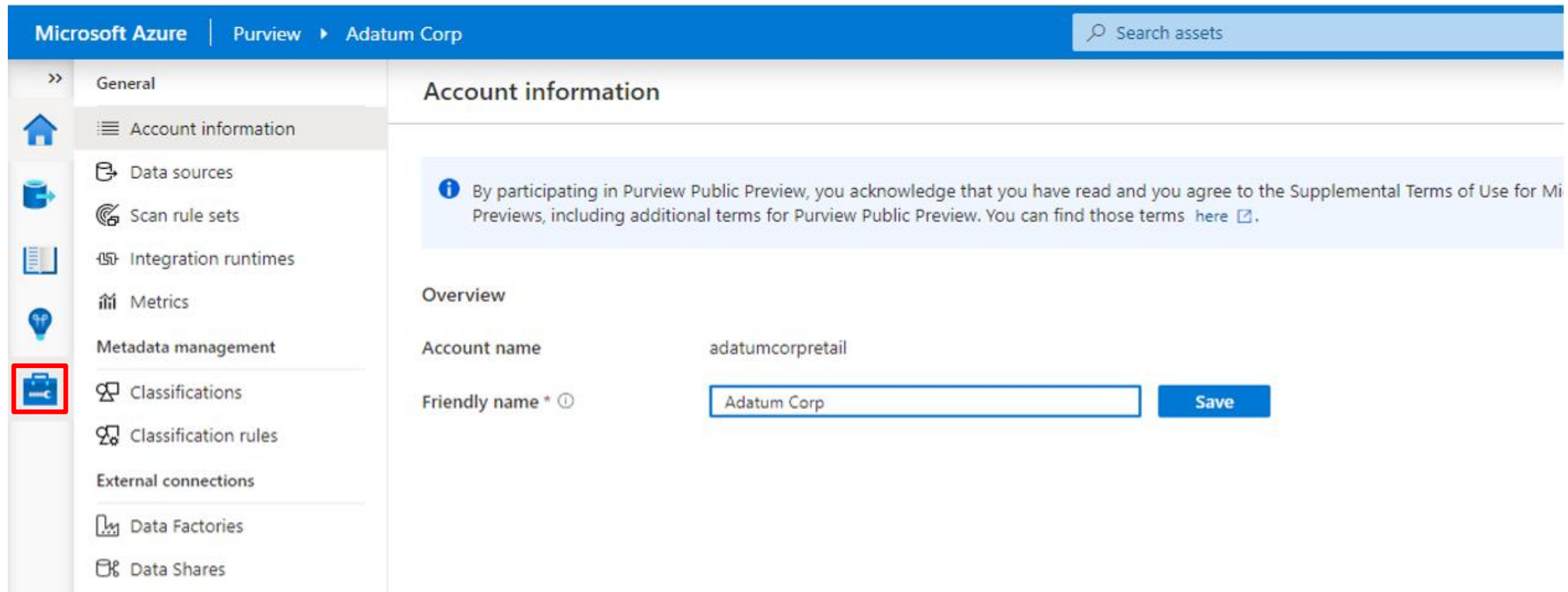
- **Register and Application:** To invoke the REST API, we must first register an application (i.e. service principal) that will act as the identity that the Microsoft Purview platform recognizes and is configured to trust.
- **Provide Service Principal Access to Microsoft Purview as Data Curator**



Microsoft Purview Studio Management Center

Management Center

Provides ability to manage account information, scan rulesets, custom classifiers, integration runtimes & external connections



The screenshot displays the Microsoft Purview Management Center interface for 'Adatum Corp'. The left-hand navigation pane lists various management options: General, Account information (selected), Data sources, Scan rule sets, Integration runtimes, Metrics, Metadata management, Classifications, Classification rules, External connections, Data Factories, and Data Shares. The 'Account information' section is active, showing a notification about the Purview Public Preview terms of use. Below this, the 'Overview' section displays the 'Account name' as 'adatumcorpretail' and a 'Friendly name' field containing 'Adatum Corp', with a 'Save' button next to it.

Microsoft Azure | Purview ► Adatum Corp

Search assets

>> General

- Account information
- Data sources
- Scan rule sets
- Integration runtimes
- Metrics
- Metadata management
- Classifications
- Classification rules
- External connections
- Data Factories
- Data Shares

Account information

i By participating in Purview Public Preview, you acknowledge that you have read and you agree to the Supplemental Terms of Use for Microsoft Purview Public Preview, including additional terms for Purview Public Preview. You can find those terms [here](#).

Overview

Account name: adatumcorpretail

Friendly name * ⓘ: **Save**



Microsoft Purview Data Sharing

Data Sharing

(Share data within and between organizations)

Data Sharing

Share data within and between organizations using Microsoft Purview Data Sharing

Benefits

- Easily share in-place with no data duplication
- Near real time access to shared data
- Centrally manage sharing relationships
- Supports Azure Data Lake Storage (ADLS Gen2) and Blob Storage

