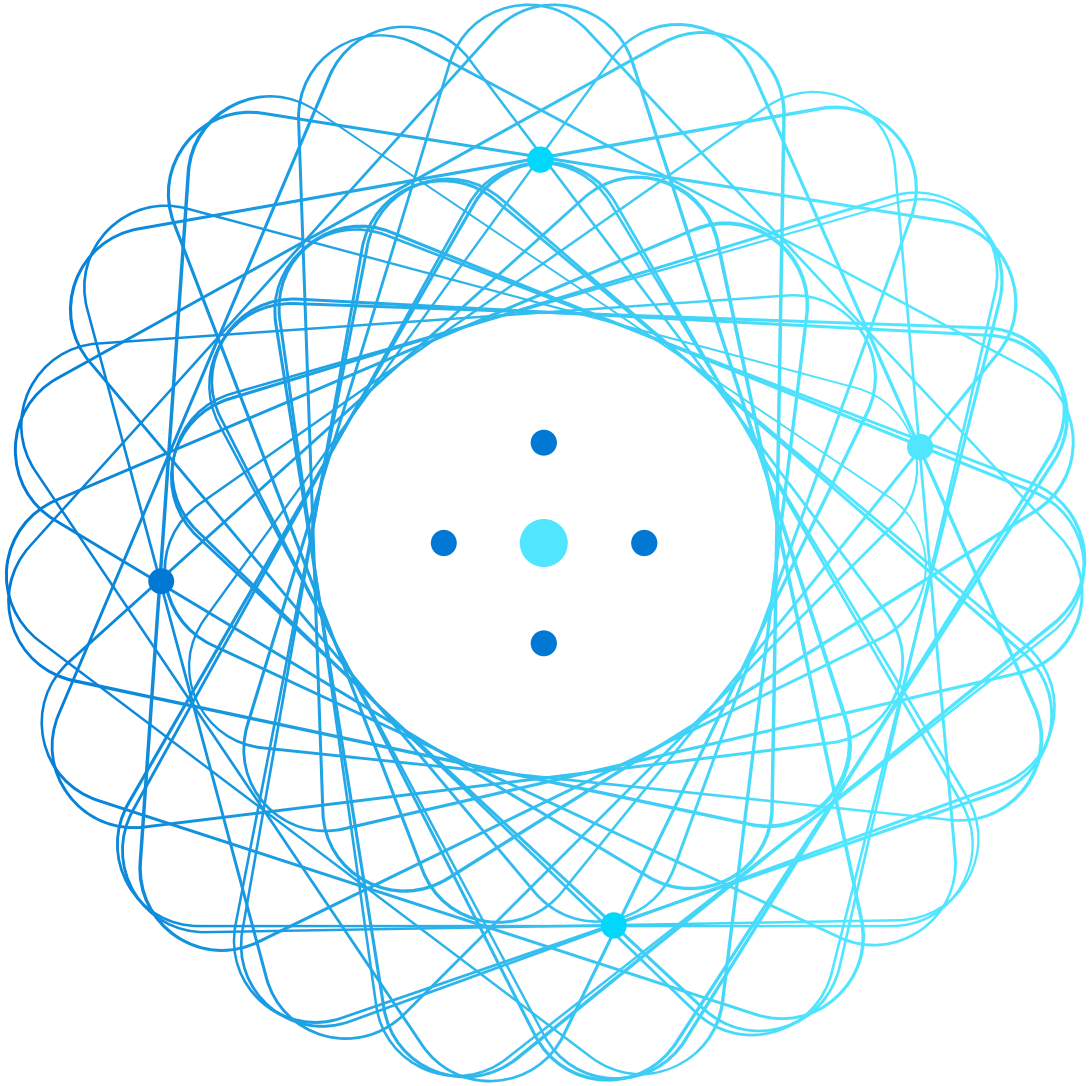
Microsoft Azure

Govern data across an enterprise



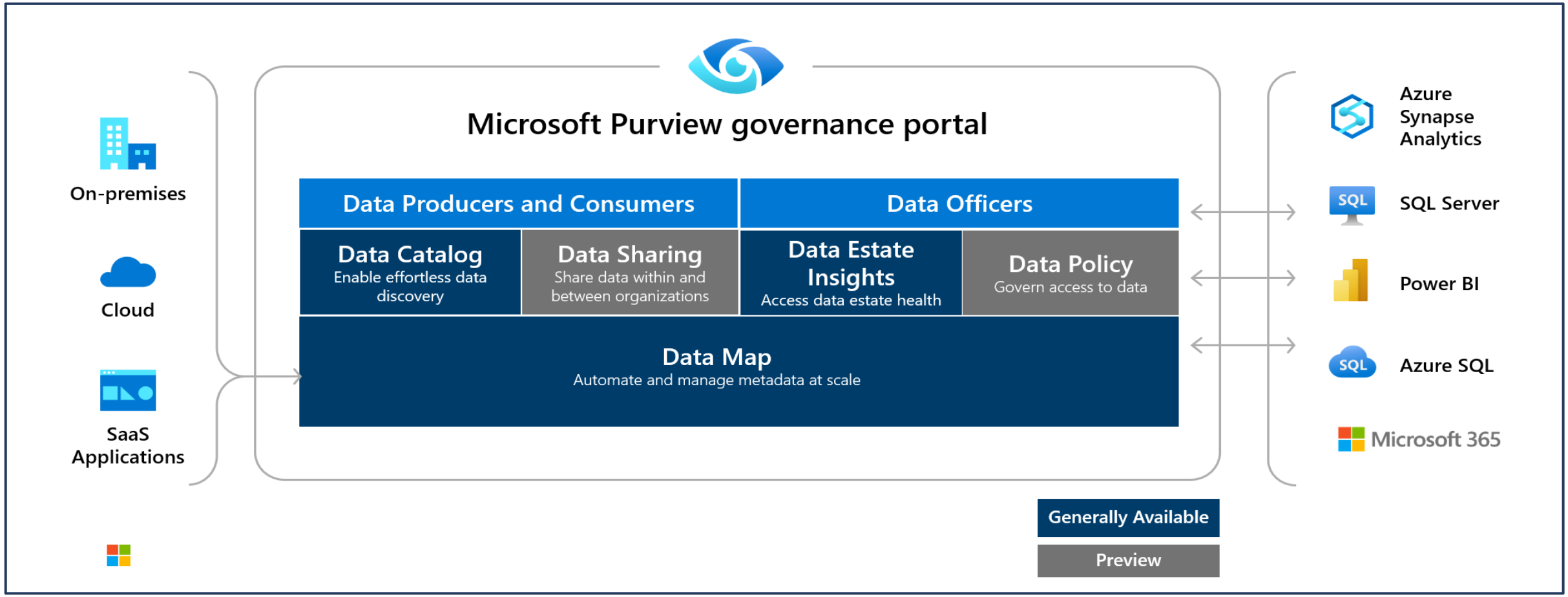
Agenda

Introduction to Microsoft Purview

Integrate Microsoft Purview and Azure Synapse Analytics

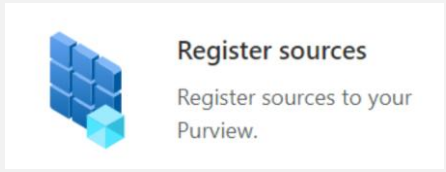
Introduction to Microsoft Purview

What is Microsoft Purview?

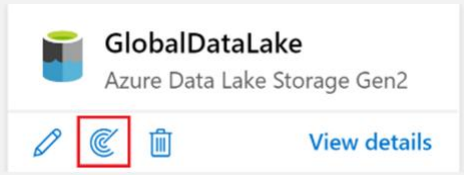


How Microsoft Purview works

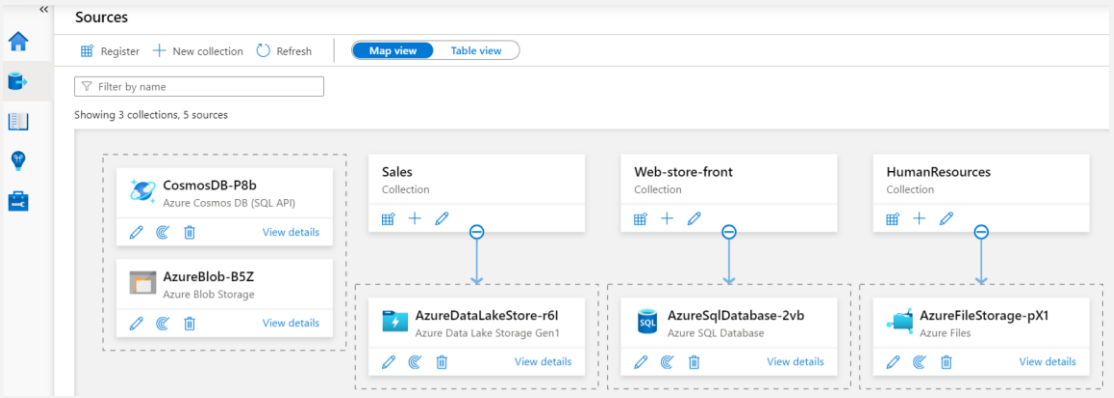
1. Register sources



2. Scan and classify



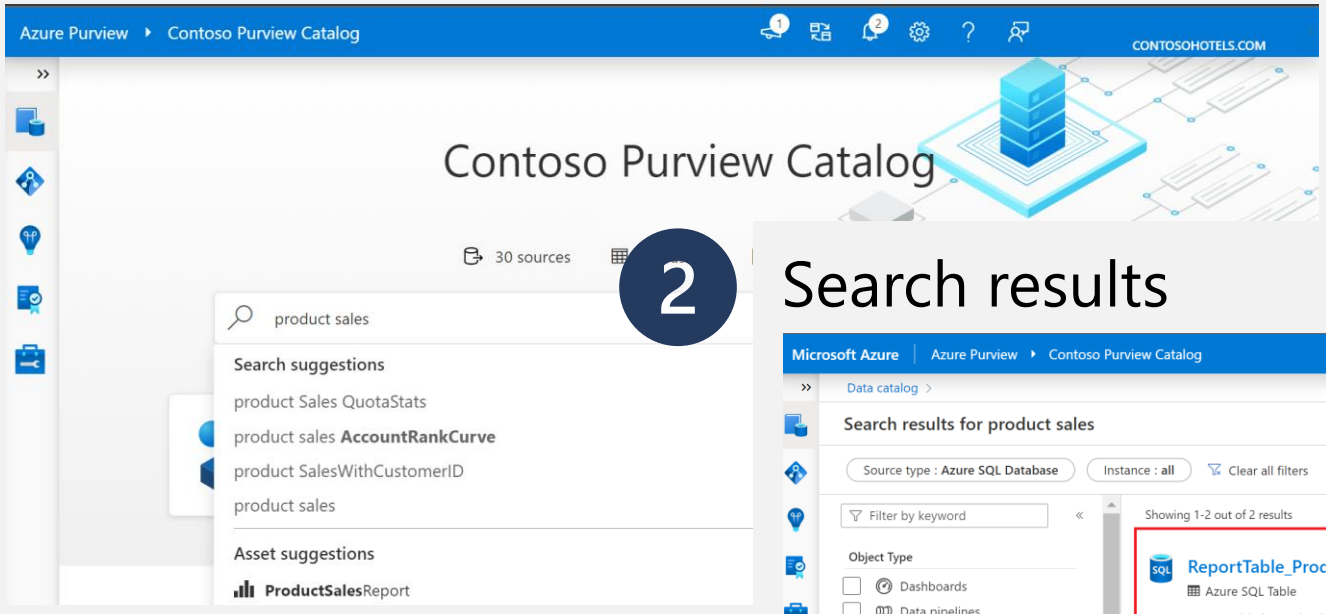
3. View Data Map



How Microsoft Purview works

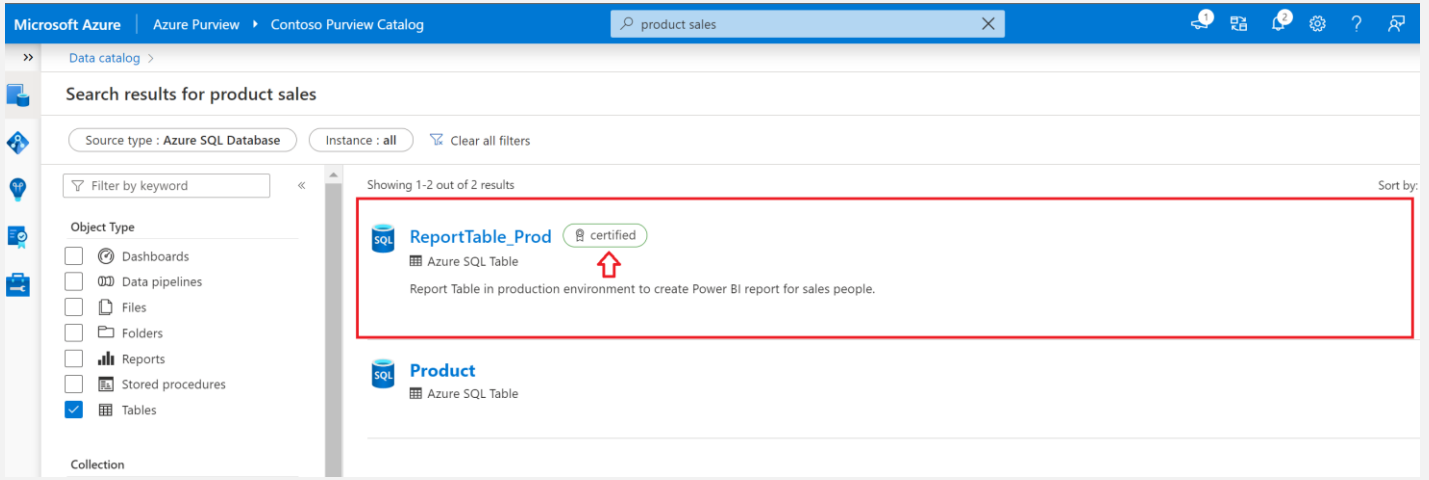
1

Search for product sales



2

Search results



When to use Microsoft Purview

Criteria that indicate whether Microsoft Purview will meet your requirements:

Decision criteria

Discovery:

Because there's no central location to register data sources, users might be unaware of a data source unless they come into contact with it as part of another process.

Governance:

Compliance with company security policies, government regulations, and customer needs, are critical considerations for data governance.

Knowledge check

What does Microsoft Purview do with the data it discovers from your registered sources?

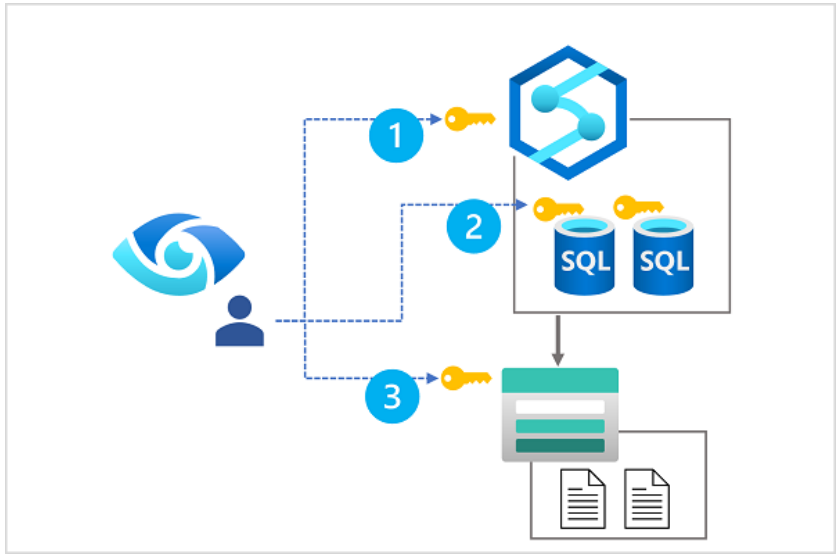
- ☑ It catalogs and classifies the data that is scanned.
- ❑ It moves the data to your Azure subscription, automatically creating the necessary storage accounts
- ❑ It performs data transformations to match your on-premises schemas

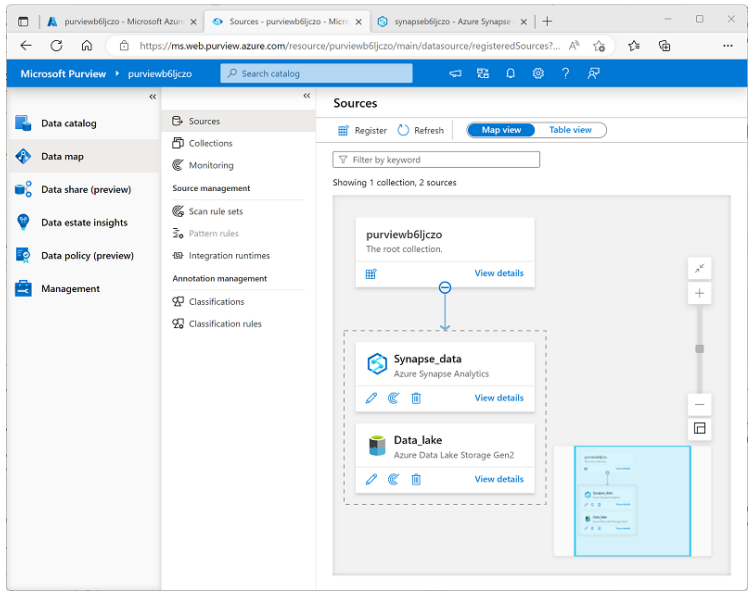
What aspect of Microsoft Purview is used to configure the data discovery for your data sources?

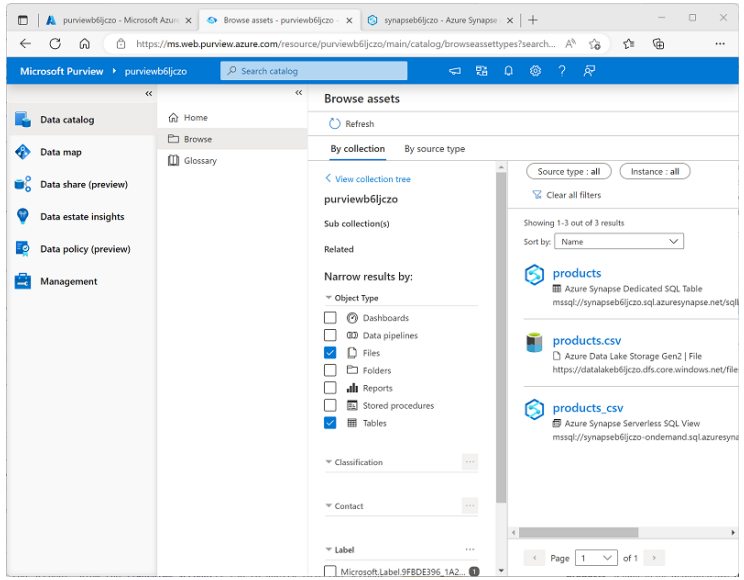
- ☑ Scan rules
- ❑ Collections
- ❑ Classifications

Integrate Microsoft Purview and Azure Synapse Analytics

Catalog Azure Synapse Analytics data assets in Microsoft Purview







Configure data access for Microsoft Purview

1. Read access to the Azure Synapse workspace
2. Read access to each SQL database that will be scanned
3. Read access to data lake storage

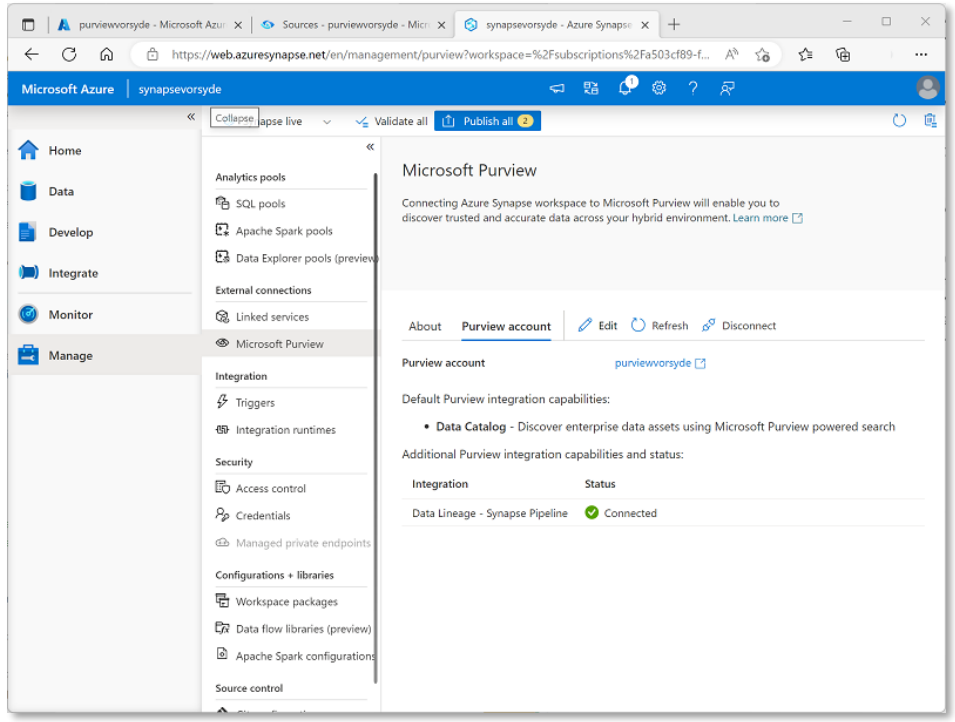
Register and scan data sources

1. Add each source to a collection
2. Create and run a scan for each source

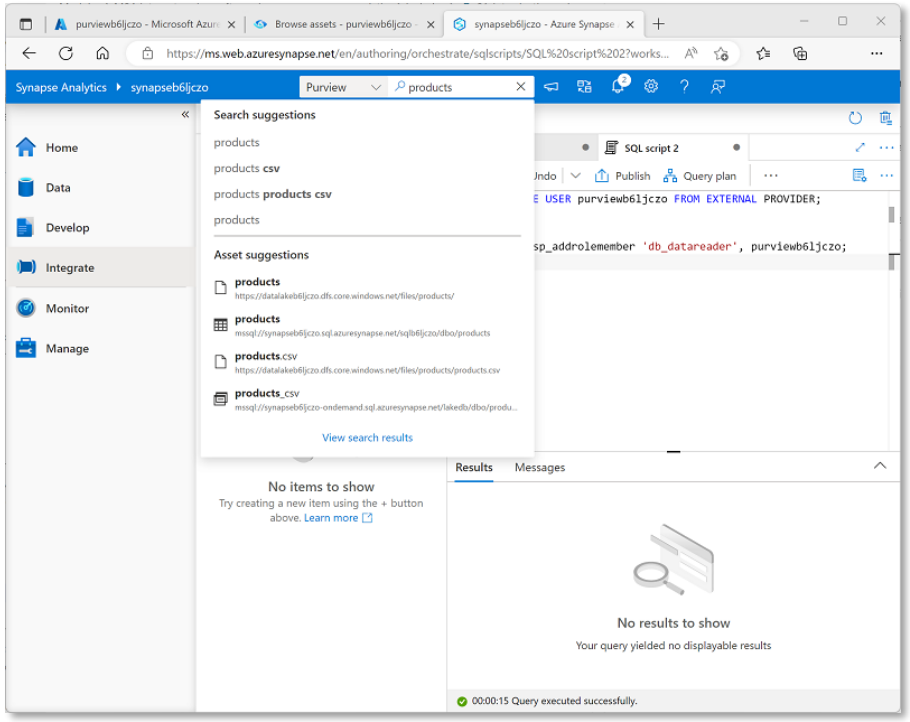
View and manage cataloged data assets

1. Browse the data catalog
2. Filter to find specific asset types

Search data catalogs from Azure Synapse Studio



Connect a Microsoft Purview account to a Synapse Analytics workspace

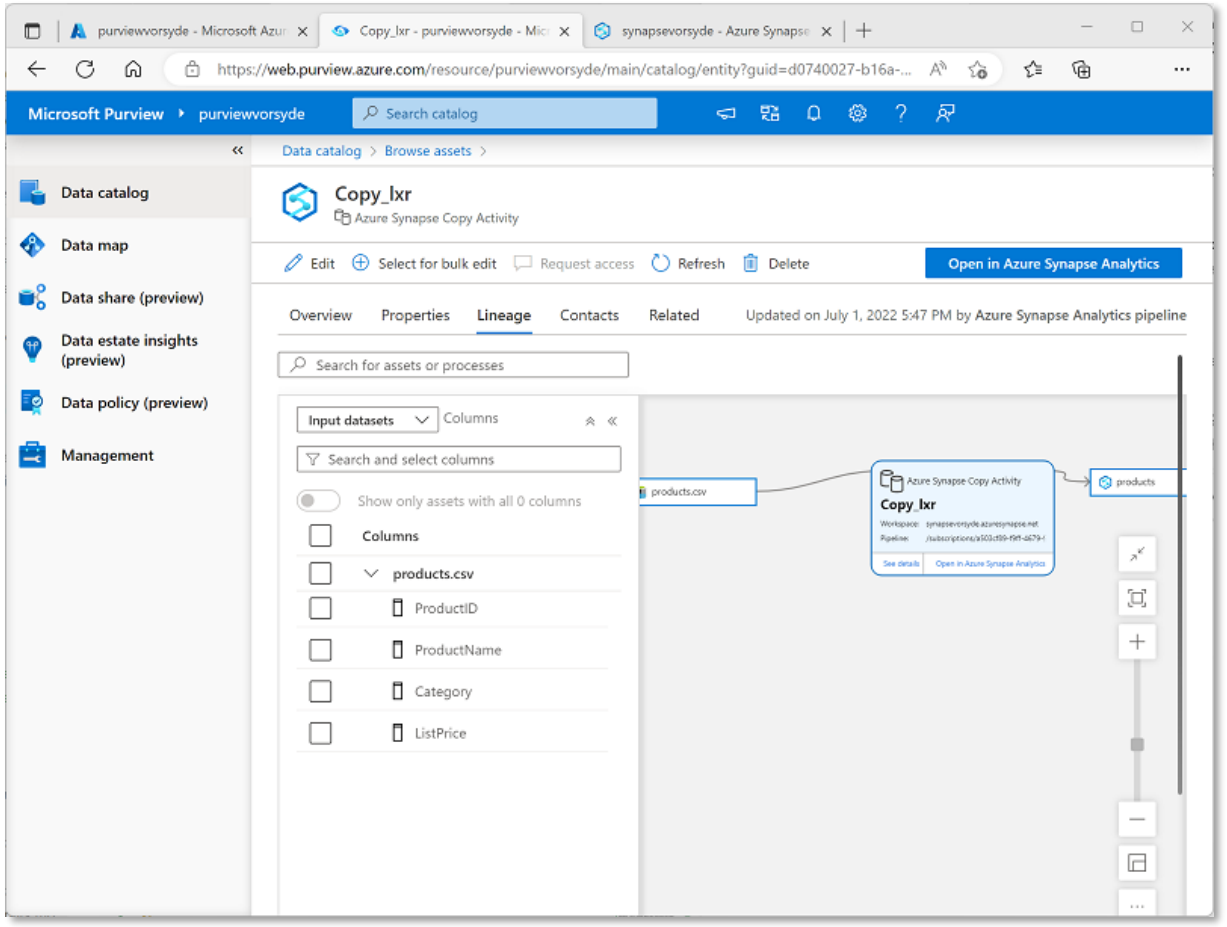


Search Microsoft Purview in Synapse Studio

Track data lineage in pipelines

Generate and view data lineage information:

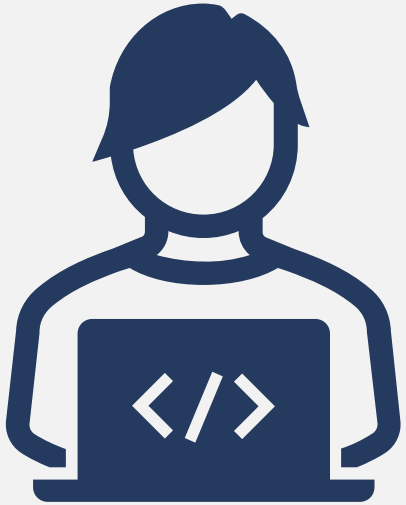
- In Azure Synapse Analytics, data movement and transformation is managed by using pipelines, which consist of an orchestrated set of activities that operate on data
- In the Microsoft Purview Governance Portal, you can open the assets in the Microsoft Purview catalog, and view the linage information



Exercise: Integrate Azure Synapse Analytics and Microsoft Purview

Use the hosted lab environment provided, or view the lab instructions at the link below:

https://aka.ms/mslearn-synapse-purview



Knowledge check

You want to scan data assets in a dedicated SQL pool in your Azure Synapse Analytics workspace. What kind of source should you register in Microsoft Purview?

- ☑ Azure Synapse Analytics
- ❑ Azure Data Lake Storage Gen2
- ❑ Azure SQL Database

You want to scan data assets in the default data lake used by your Azure Synapse Analytics workspace. What kind of source should you register in Microsoft Purview?

- ❑ Azure Synapse Analytics
- ☑ Azure Data Lake Storage Gen2
- ❑ Azure Cosmos DB

You want data analysts using Synapse Studio to be able to find data assets that are registered in a Microsoft Purview collection. What should you do?

- ❑ Register an Azure Synapse Analytics source in the Purview account
- ❑ Add a Data Explorer pool to the Synapse Workspace
- ☑ Connect the Purview account to the Synapse analytics workspace

Further reading

Govern data across an enterprise
https://aka.ms/mslearn-purview