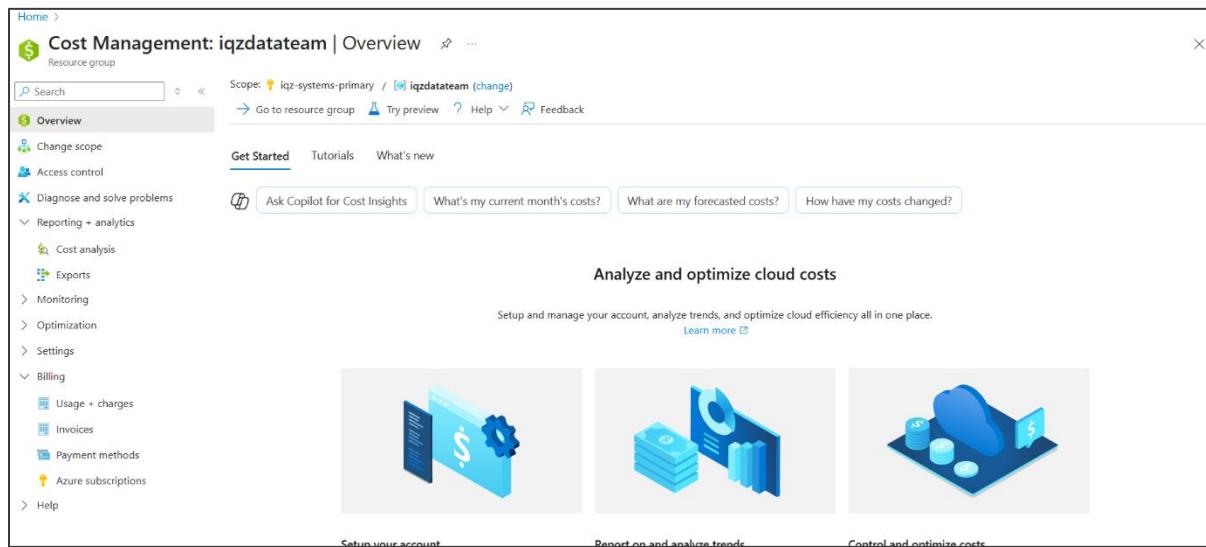


Fraud Claims Detection - FinOps Component

FinOps is a way for teams to manage their cloud costs. It is crucial to understand the cost in Microsoft Fabric for better visibility and cost optimization decision making.

Implementation steps

- Login to the Azure Portal and go to Cost Management.



- Create a cost export to export usage cost of the resource group to an Azure storage account.

Run now → Export selected dates ▶ Enable Delete Edit Refresh Feedback

Essentials

Scope	: iqzdatateam (ResourceGroup)	Storage type	: Azure blob storage
Type of data	: Cost and usage details (actual)	Storage account	: accidentclaims
Frequency	: Custom	Storage account subscrip...	: 37c7a696-4b30-4cf9-a22d-10580abf43bd
Export start date (UTC)	: 7/8/2025	Storage container	: costexports
Expiration date (UTC)	: 7/8/2025	Storage directory	: all
Schedule status	: Inactive	Dataset version	: 2021-10-01
File partitioning	: On	Export description	: ---
Overwrite data	: On	Format	: CSV
		Compression type	: Gzip

Run history

Execution time	Execution status	Export time period (UTC)
Jul 09, 2025, 01:24 AM	✓ Succeeded	Jul 08, 2025 - Jul 08, 2025

- The following is a screenshot of the saved usage cost data stored in a container in an Azure storage account.

Home > accidentclaims | Containers >

costexports Container

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease Edit columns

costexports > all > raj-test-export-01 > 20250701-20250731 > 2cb961f7-5801-4037-a592-b5b8ebc81b65

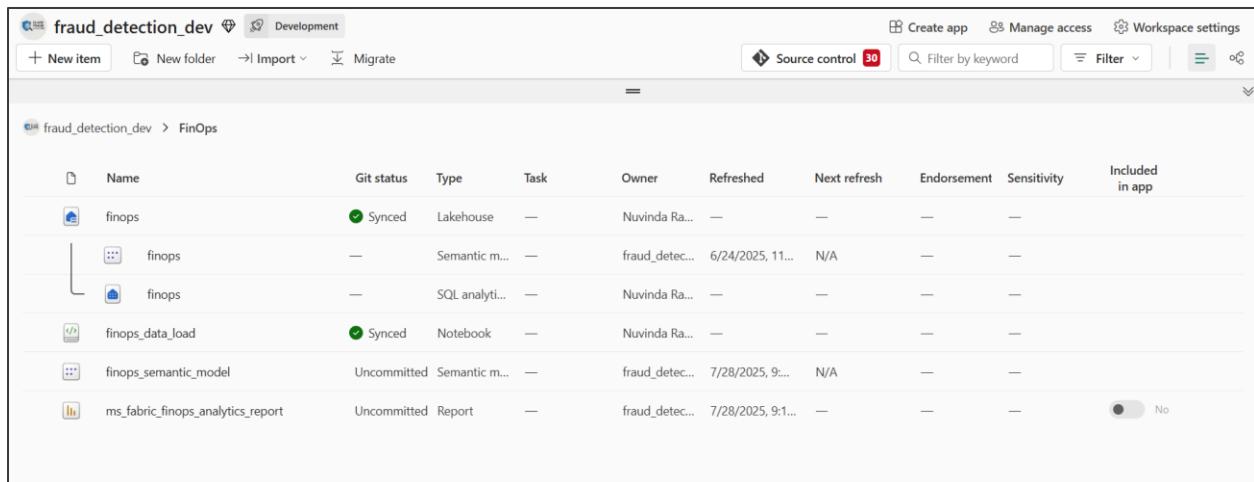
Authentication method: Access key (Switch to Microsoft Entra user account)

Search blobs by prefix (case-sensitive) Only show active blobs

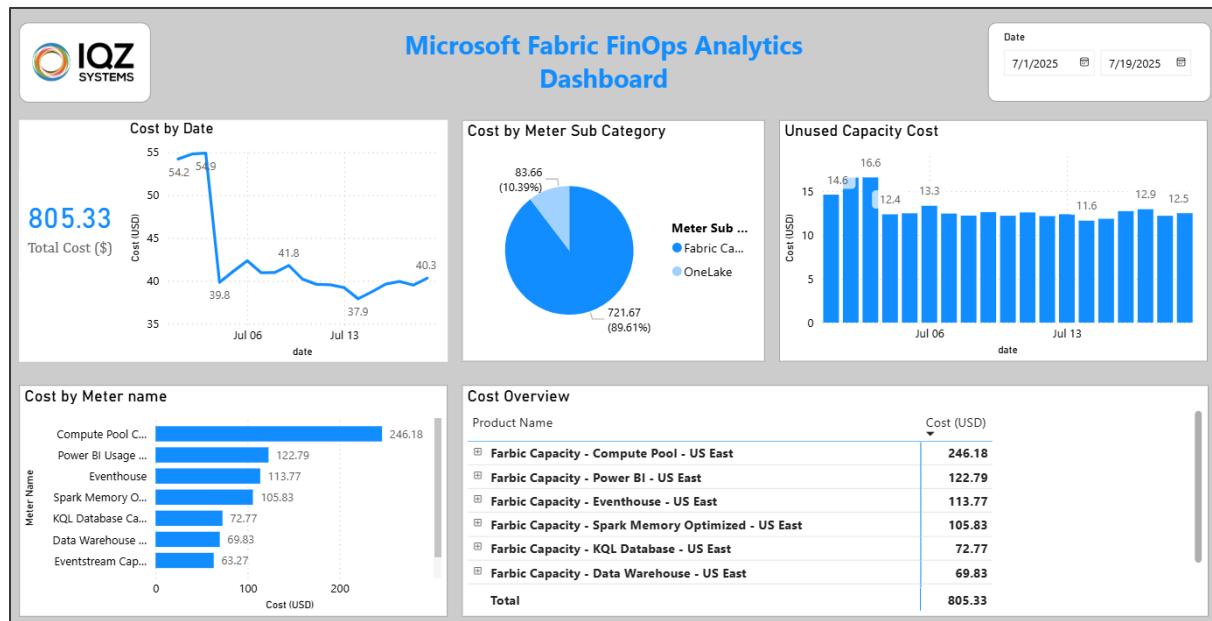
Showing all 2 items

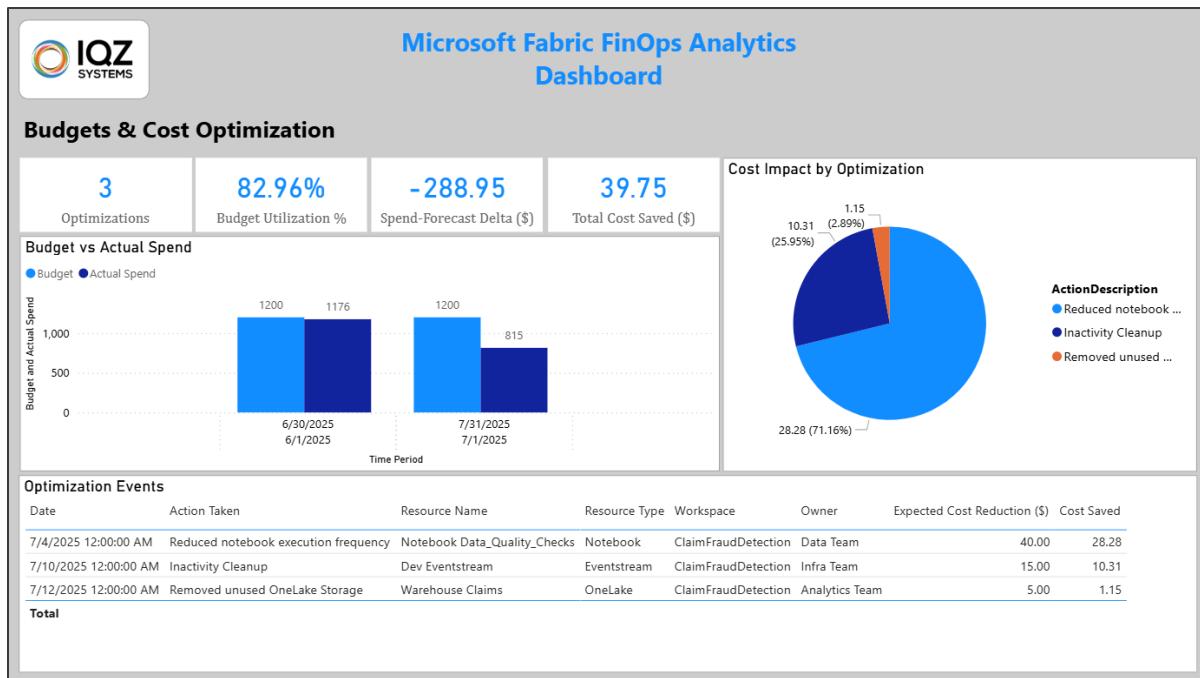
Name	Last modified	Access tier	Blob type	Size	Lease state
[...]	7/9/2025, 1:24:39 AM	Hot (Inferred)	Block blob	1.27 KiB	Available
manifest.json	7/9/2025, 1:24:39 AM	Hot (Inferred)	Block blob	2.75 KiB	Available
part_0_0001.csv.gz					

- A new lakehouse is created for FinOps data storage and a shortcut was created referencing the storage account cost usage data.
- Data is loaded into the lakehouse, and a semantic model is created on top of the usage cost data.



- A Power BI report is created to visualize FinOps data using the semantic model.





- Note that all the azure cost is exported and loaded into the lakehouse. Data is filtered in the Power BI report to display only the cost related to Microsoft Fabric.

Benefits of Cost Monitoring

- Provides better cost visibility across projects.
- Enables self-service cost monitoring for stakeholders.
- Supports cost optimization by highlighting waste and right-sizing opportunities.
- Enables detection of anomalies and unexpected cost or usage spikes.