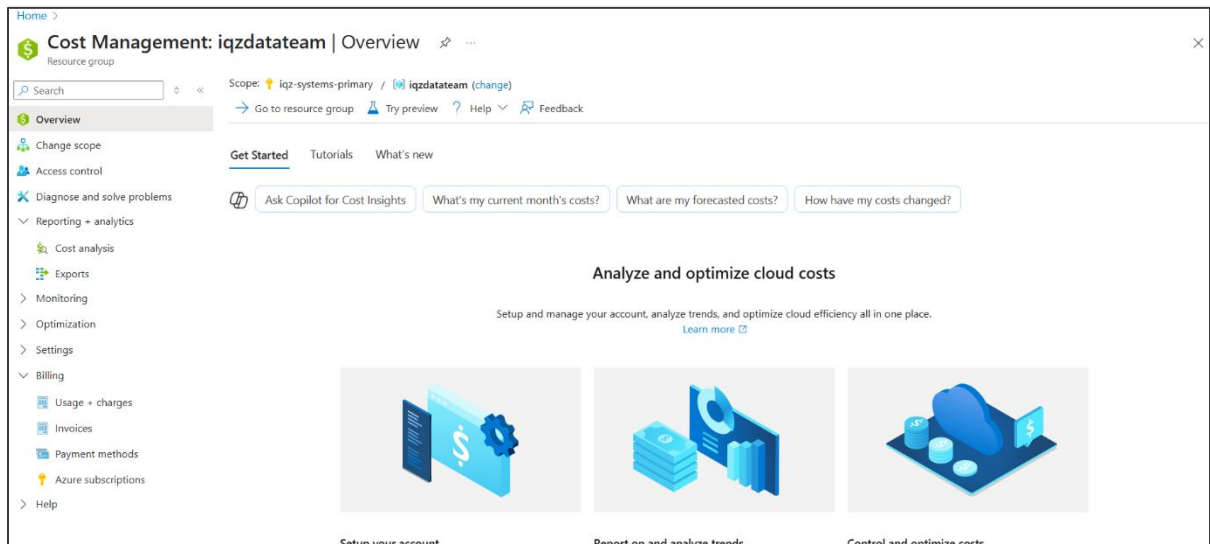


Fraud Claims Detection - FinOps Component

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	: iqzdateam (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

Search

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

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

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

Search blobs by prefix (case-sensitive)

Only show active blobs

Showing all 2 items

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

- 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.

fraud_detection_devDevelopment

New itemNew folderImportMigrate

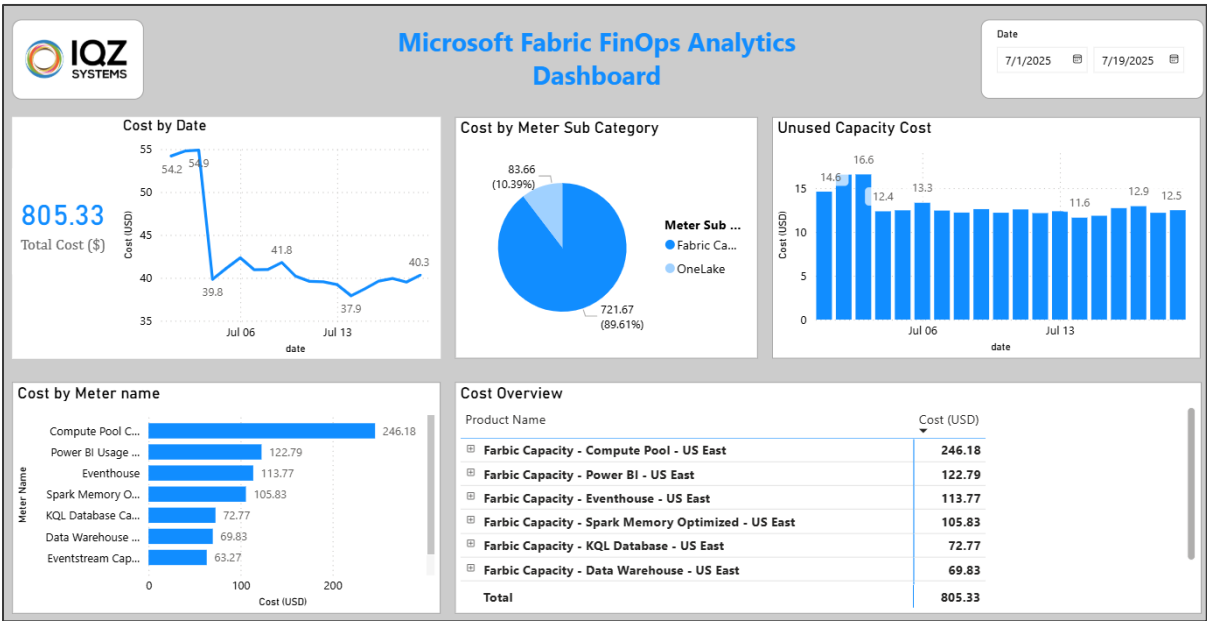
Source control30Filter by keywordFilter

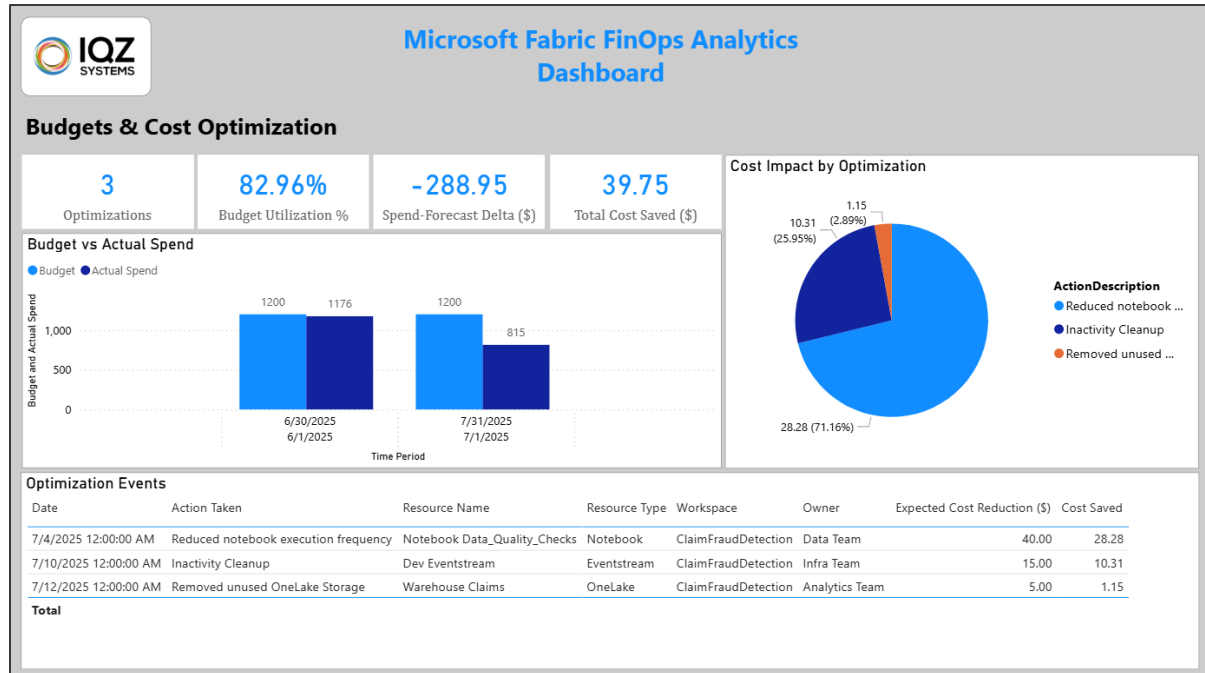
Workspace settings

fraud_detection_devFinOps

	Name	Git status	Type	Task	Owner	Refreshed	Next refresh	Endorsement	Sensitivity	Included in app
	finops	Synced	Lakehouse	—	Nuvinda Ra...	—	—	—	—	
	finops	—	Semantic m...	—	fraud_detec...	6/24/2025, 11...	N/A	—	—	
	finops	—	SQL analyti...	—	Nuvinda Ra...	—	—	—	—	
	finops_data_load	Synced	Notebook	—	Nuvinda Ra...	—	—	—	—	
	finops_semantic_model	Uncommitted	Semantic m...	—	fraud_detec...	7/28/2025, 9:...	N/A	—	—	
	ms_fabric_finops_analytics_report	Uncommitted	Report	—	fraud_detec...	7/28/2025, 9:1...	—	—	—	No

- 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.