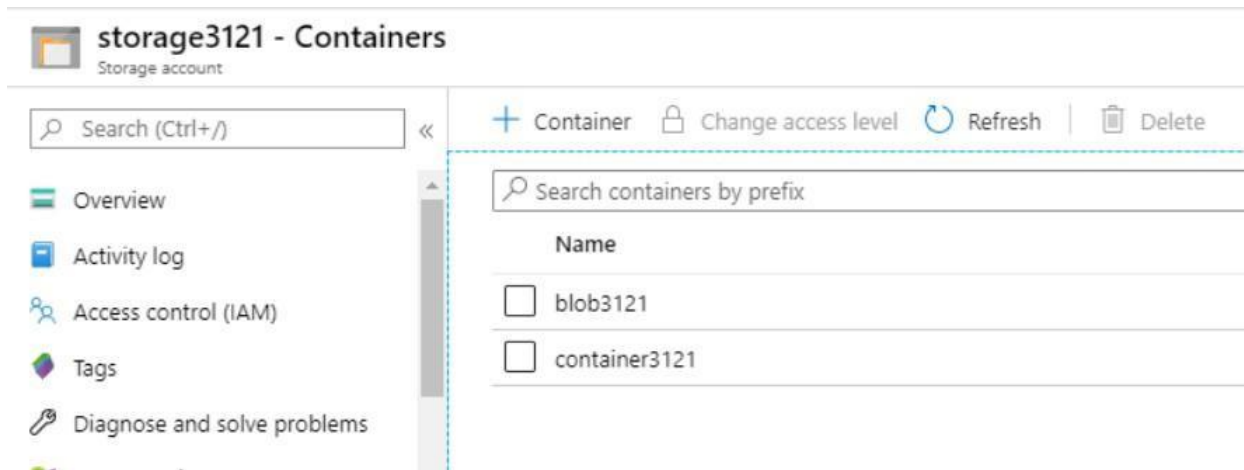


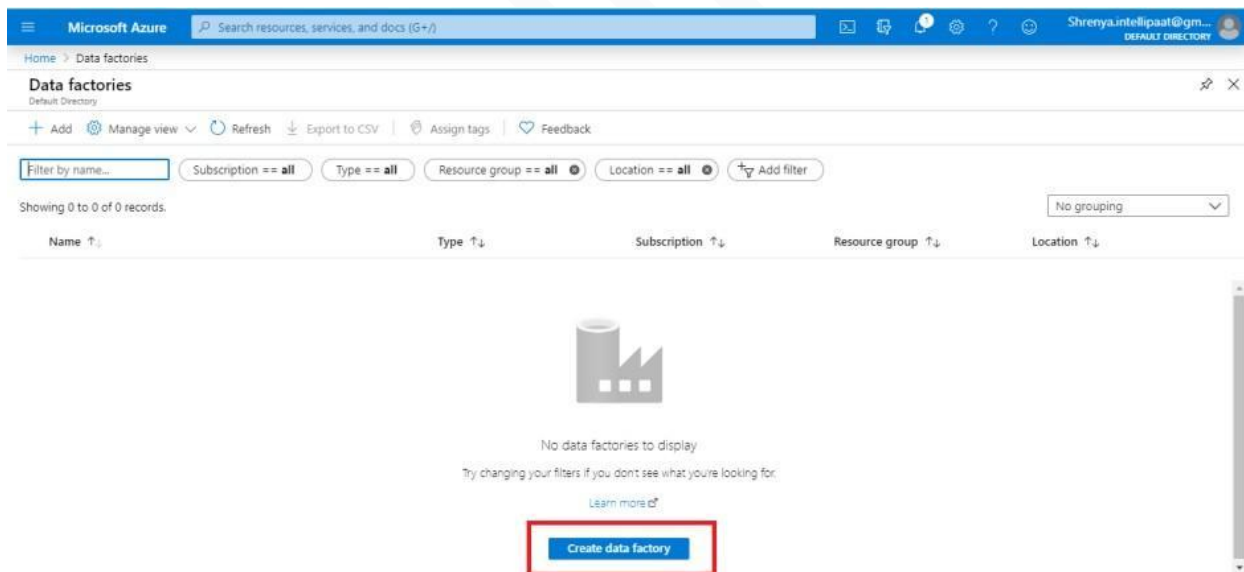


Module 3: Hands-On: Use Azure Data Factory to Transfer Data to Azure

Step 1: In Portal search for Storage Account and click on it. Create two containers and upload a file in 'container3121'.



Step 2: In the search tab, look for 'Data factory' and click on the Azure service. Click on 'Create Data Factory' at the bottom of the screen



Step 3: Enter details such as the name of the data factory, resource group, and region of deployment. Click on 'create' and wait for it to get deployed

Home > Data factories > New data factory

New data factory

Name *
demo3121

Version ⓘ
V2

Subscription *
Azure for Students

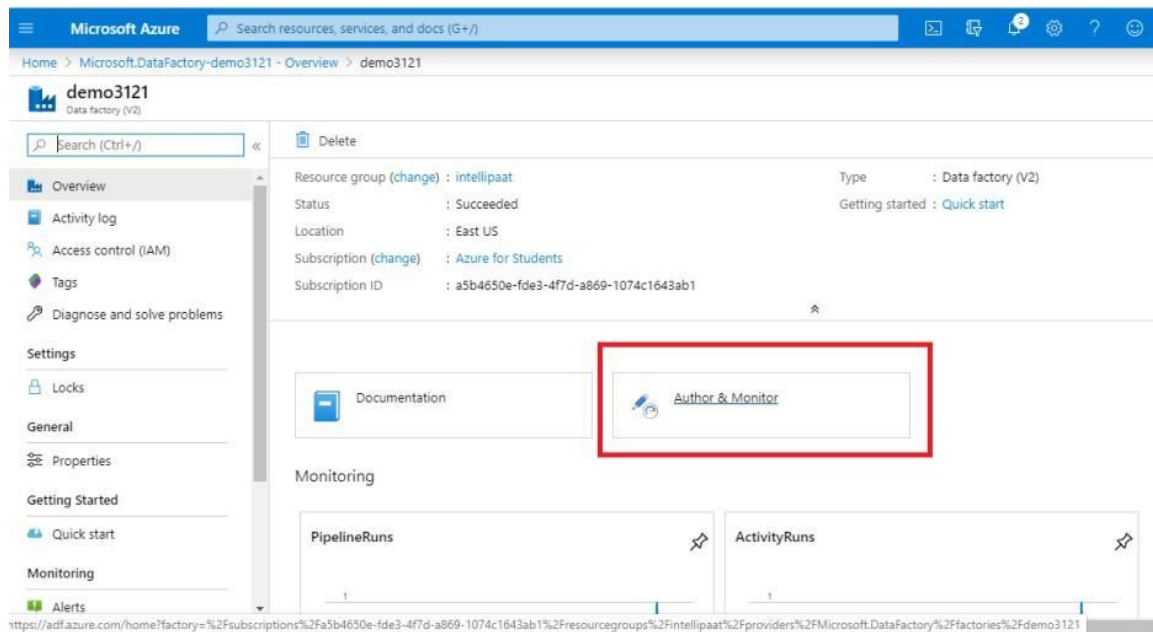
Resource Group *
intellipaat
[Create new](#)

Location * ⓘ
(US) East US

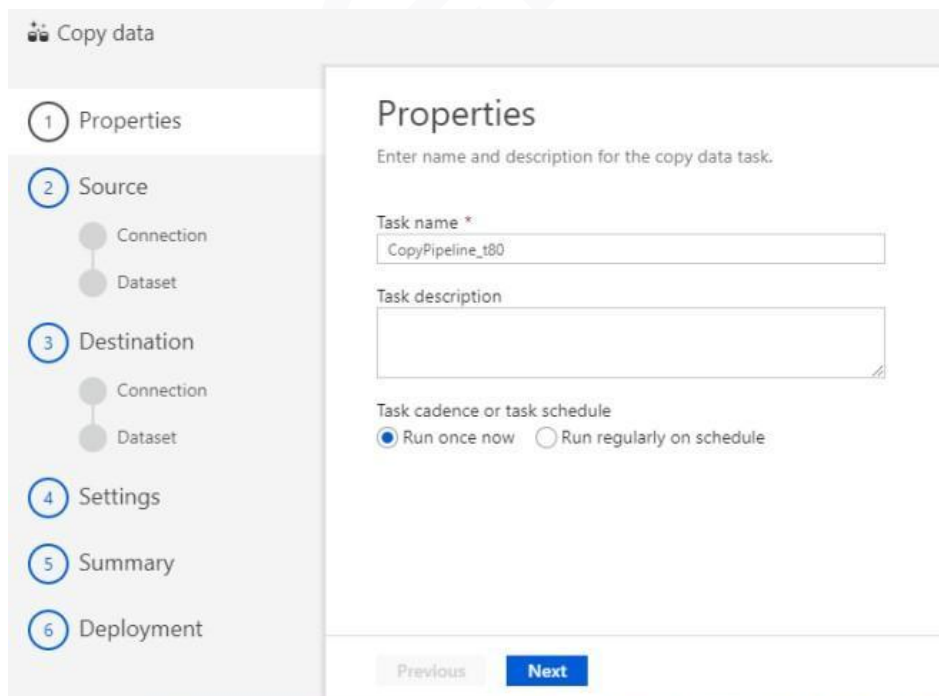
Enable GIT ⓘ
☐

[Create](#)

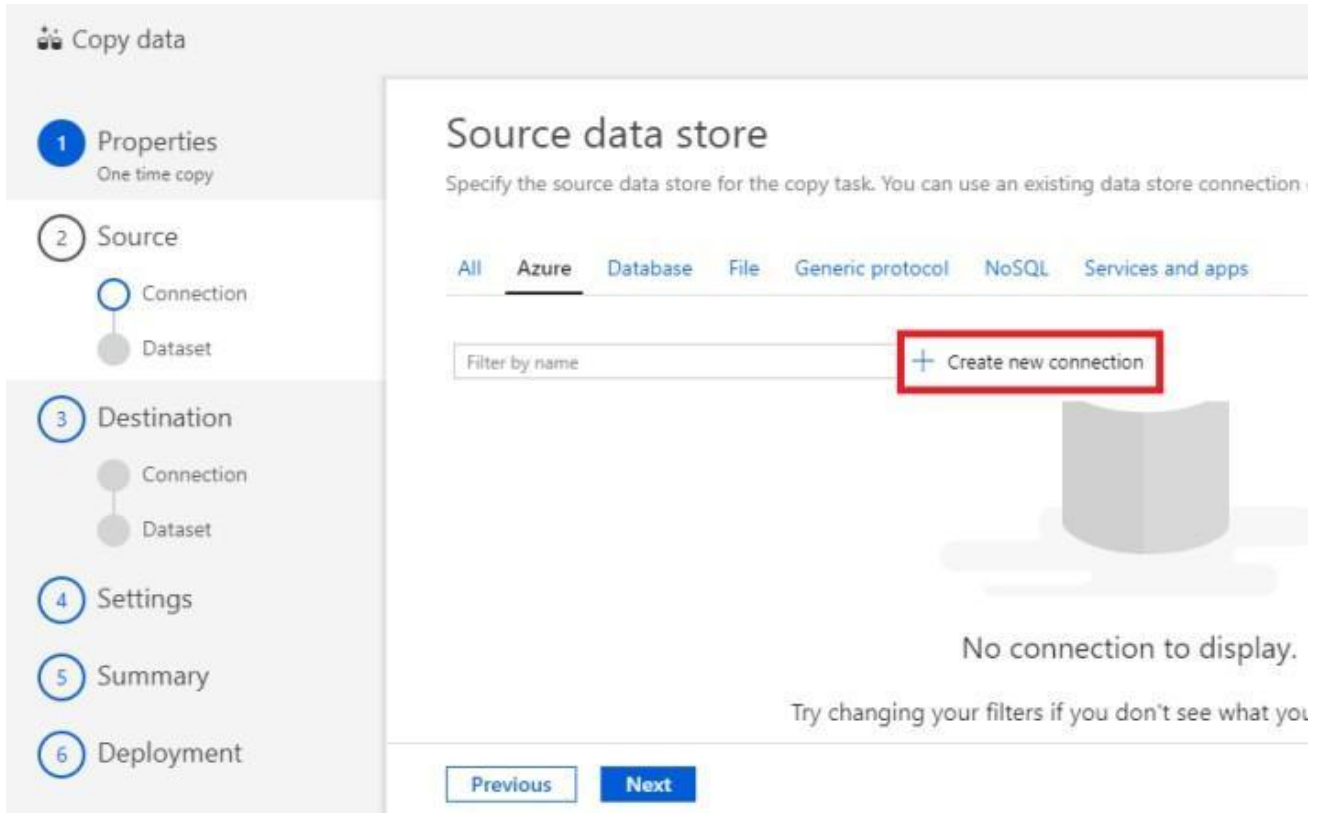
Step 4: Go to the resource, once it is deployed and click on 'Authorize and Monitor' on the dashboard



Step 5: It will redirect you to the resource main page. Click on 'Copy Data'. It will take you to a 6-step wizard to set up the source and destination connections. Under the 'Properties' tab, fill in the details for the task name and description.



Step 6: In step 2, you have to enter the details for the source. This is the storage from where you have to transfer the files. Click on 'Create new connection'



Copy data

- 1 Properties
One time copy
- 2 Source
 - Connection
 - Dataset
- 3 Destination
 - Connection
 - Dataset
- 4 Settings
- 5 Summary
- 6 Deployment

Source data store

Specify the source data store for the copy task. You can use an existing data store connection.

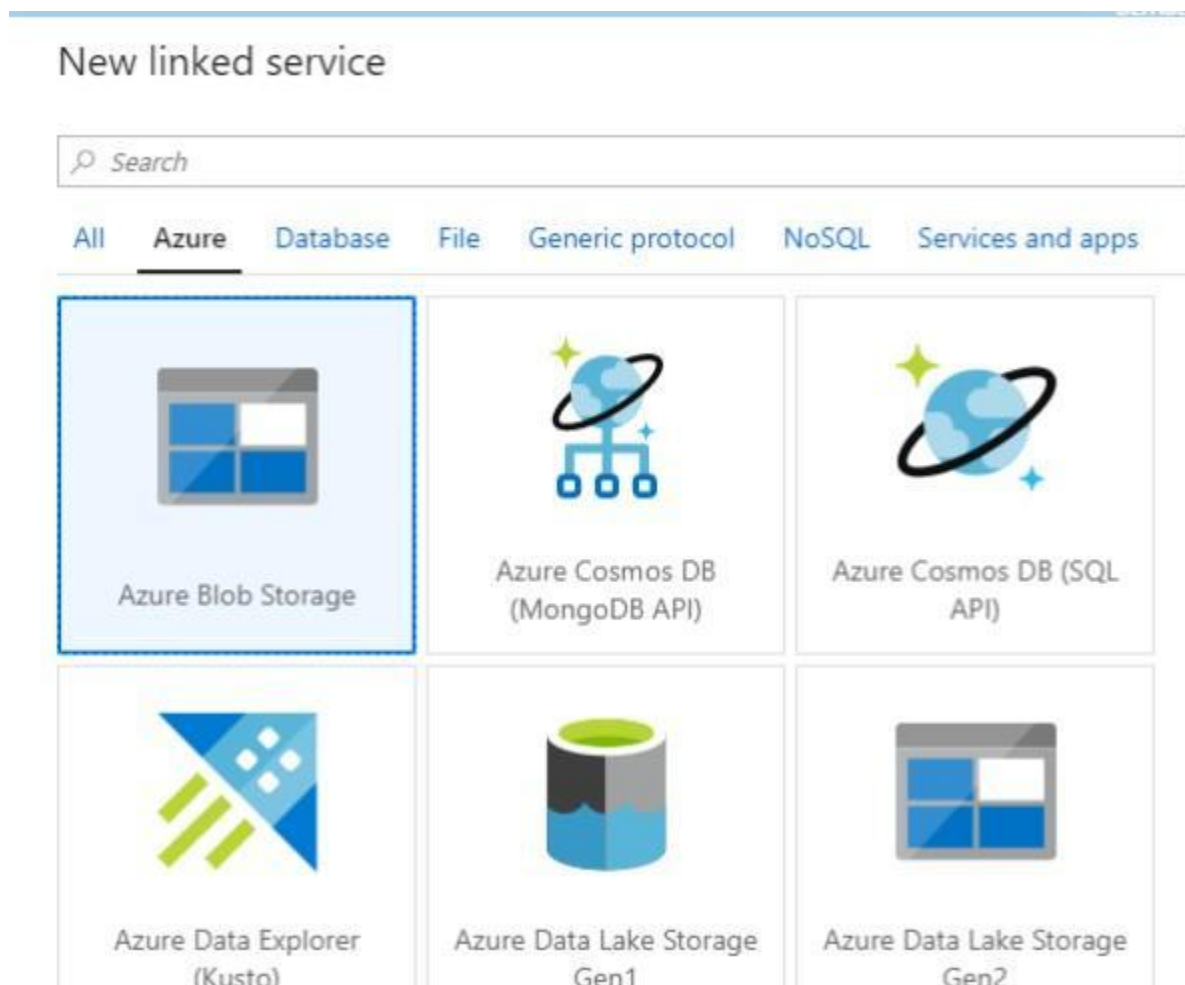
All **Azure** Database File Generic protocol NoSQL Services and apps

Filter by name + Create new connection

No connection to display.
Try changing your filters if you don't see what you

Previous Next

Step 7: Select the New linked service type as 'Azure Blob Storage'. Click on 'Continue'



Step 8: Fill in the details for the Blob Storage. Select the preferred Azure subscription and the Storage account name. Click on 'Test connection' to test it. If it says 'Connection successful' then click on 'Create'

New linked service (Azure Blob Storage)

Connection string

Azure Key Vault

Account selection method ?

☒ From Azure subscription ☐ Enter manually

Azure subscription ?

Azure for Students (a5b4650e-fde3-4f7d-a869-1074c1643ab1) ▼

Storage account name * ?

storage3121 ▼

Additional connection properties

+ New

Test connection

☒ To linked service ☐ To file path

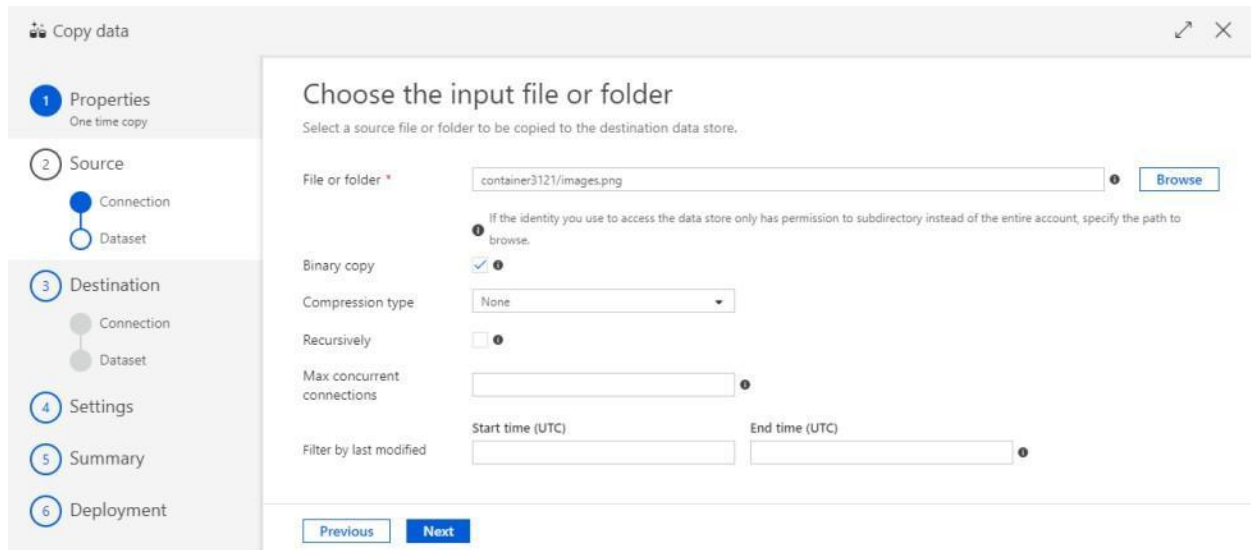
Annotations

+ New

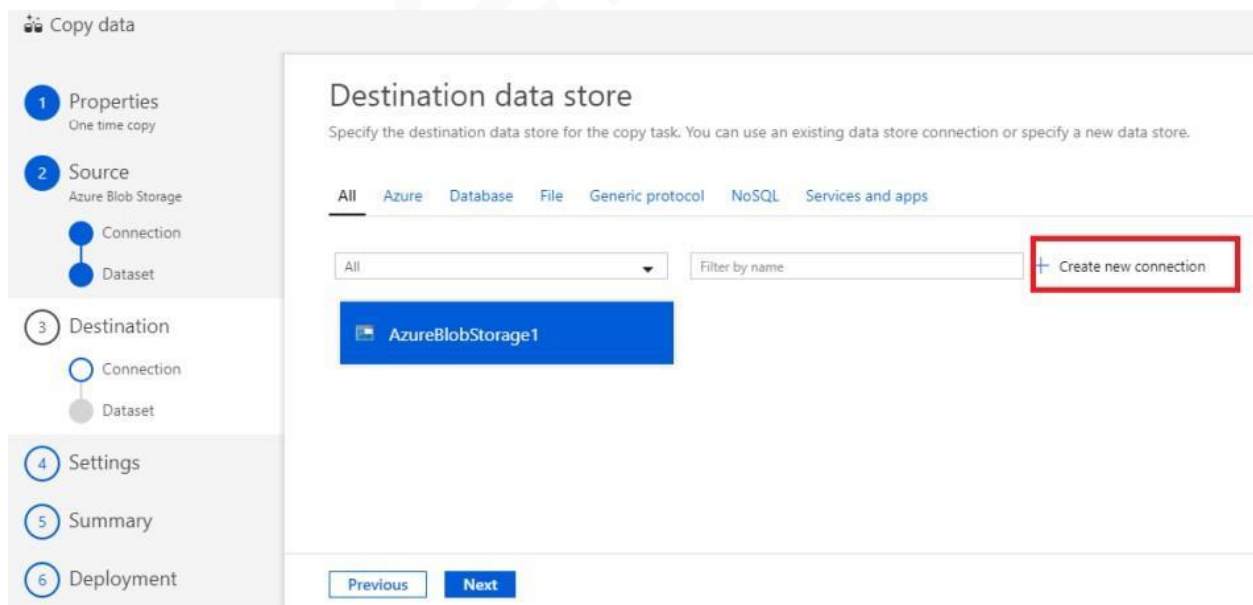
Create Back

✓ Connection successful 🔗 Test connection Cancel

Step 9: Enter the details of the file that has to be transferred. Browse the location for the 'Browse' option on the right




Step 10: In step 3, follow the same procedure to set up the Destination data store



Step 11: Select the data store and click on 'Next'. Browse for the Destination folder path and click on 'Next'. Enter the Performance setting details and click on 'Next', now confirm that all the information is correct and click on 'Next'

Summary

You are running pipeline to copy data from Azure Blob Storage to Azure Blob Storage.



Source Edit


Connection name	AzureBlobStorage1
Dataset name	SourceDataset_t80
File name	images.png
Container	container3121

Destination Edit

Connection name	AzureBlobStoragee2
-----------------	--------------------

Previous Next

Step 12: Once it says 'Deployment Complete', click on 'Finish'



Deployment complete

- ▶ Validate copy runtime environment ✓
- ▶ Creating datasets ✓
- ▶ Creating pipelines ✓
- ▶ Running pipelines ✓

Datasets and pipelines have been created. You can now monitor and edit the copy pipelines or click finish to close the copy wizard.

Edit pipeline Monitor Finish