

Create a pipeline to move and delete multiple folders from source container to sink container in same azure blob storage whenever a new folder is created.

Prerequisites

Need an azure subscription.

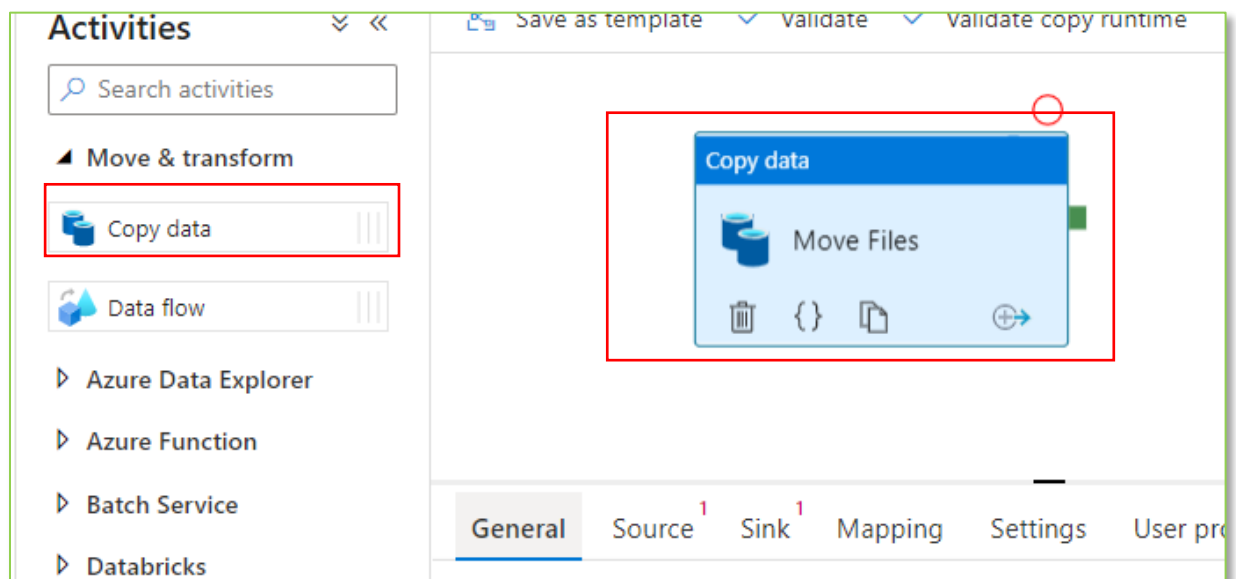
Need a ADF resource Create it from azure portal.

Need a Storage account with 2 container in it for Input and output.

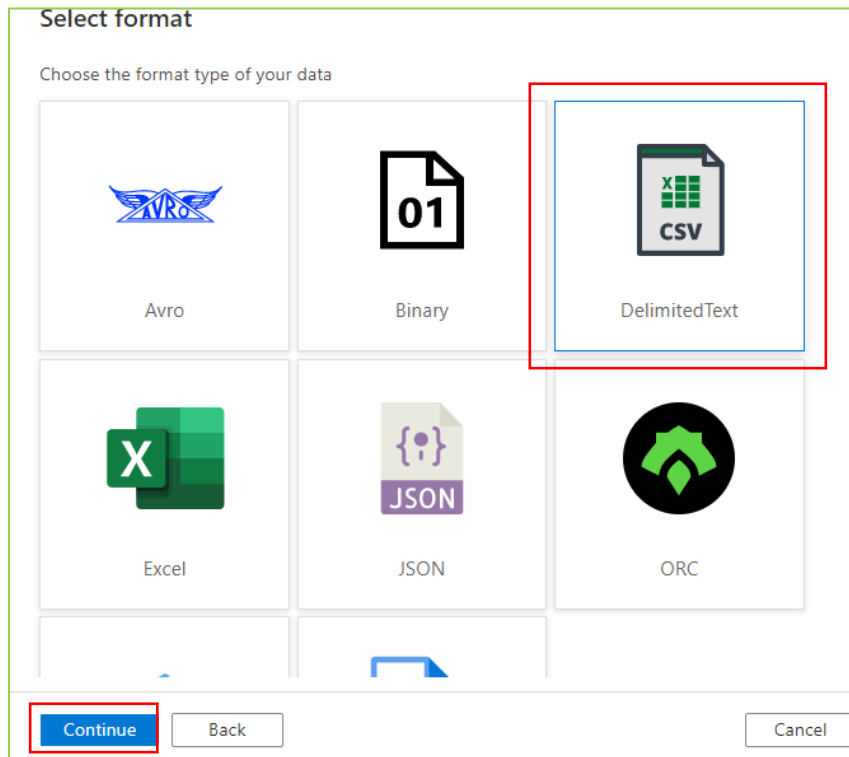
Following is the steps.

Step 1 Drop & Drag Copy data activity from Move & Transform.

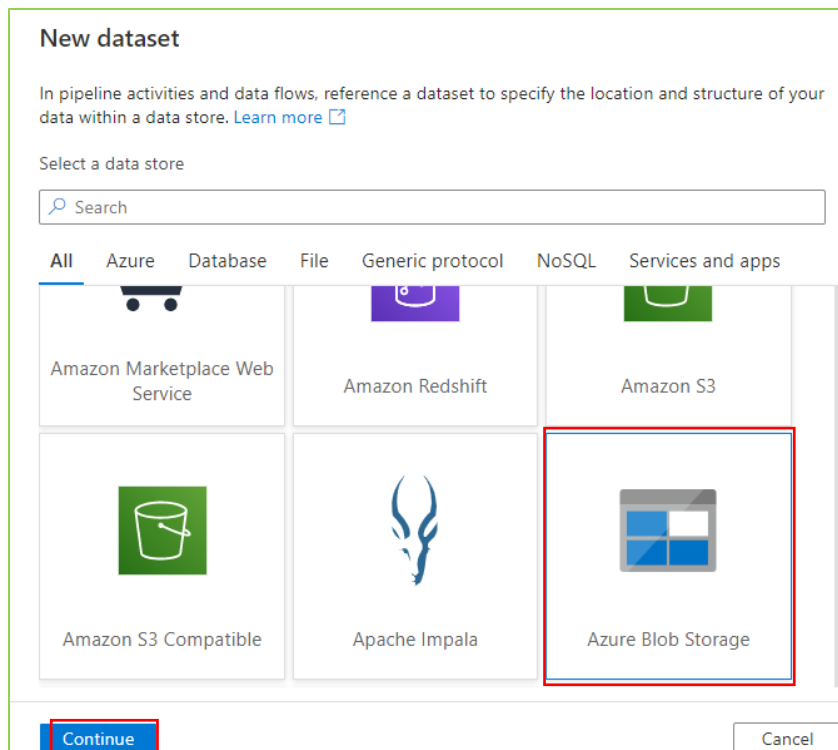
Rename



Step 2 Click on Source < +New Button Select Delimited text



Step3 Select Blob Storage.



Step 4 Add subscription and storage account name from drop-down.

New linked service (Azure Blob Storage)

Authentication method
Account key

Connection string Azure Key Vault

Account selection method ⓘ
☒ From Azure subscription ☐ Enter manually

Azure subscription ⓘ
Data - Deepak & Ashfaq (8f6aa822-e567-4311-8197-ed01fe525a04)

Storage account name *
taskstorage0

Additional connection properties
+ New

Test connection ⓘ
☒ To linked service ☐ To file path

Annotations

Create Test connection Cancel

step 5 Add Linked service.

Set properties

Name
DelimitedText1

Linked service *
Select...
Filter...
Select...
+ New
AzureBlobStorage1

5.1 Add input Container path.

Set properties

Name
DelimitedText1

Linked service *
AzureBlobStorage1

File path
Container / Directory / File

First row as header ☐

Import schema
☐ From connection/store ☐ From sample file ☒ None

Advanced

OK Back Cancel

Step6 Config Sink For copy data Activity. Click on +New button.

Copy data

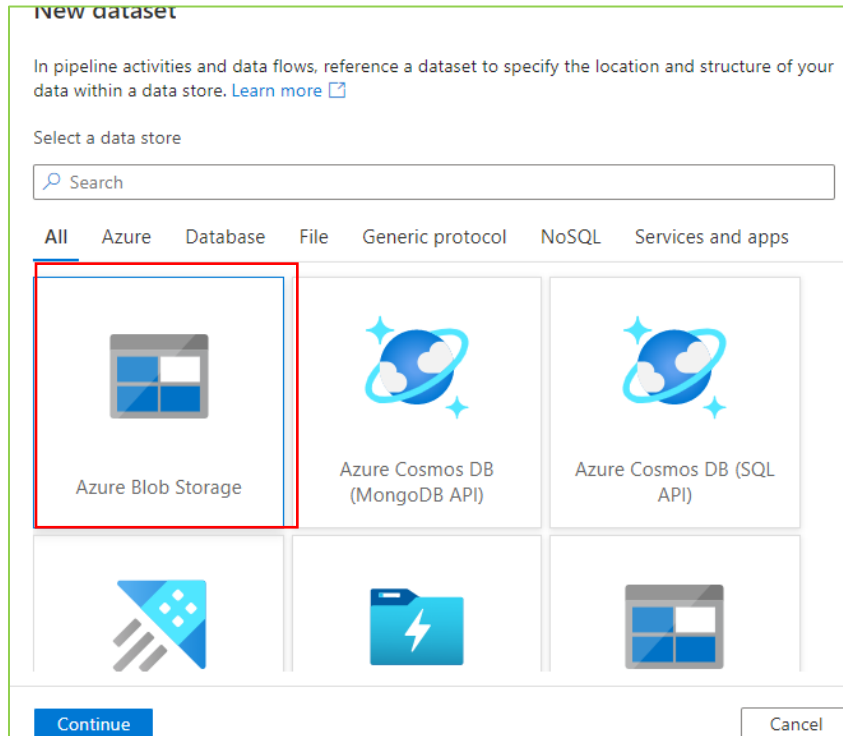
Move Data

Delete

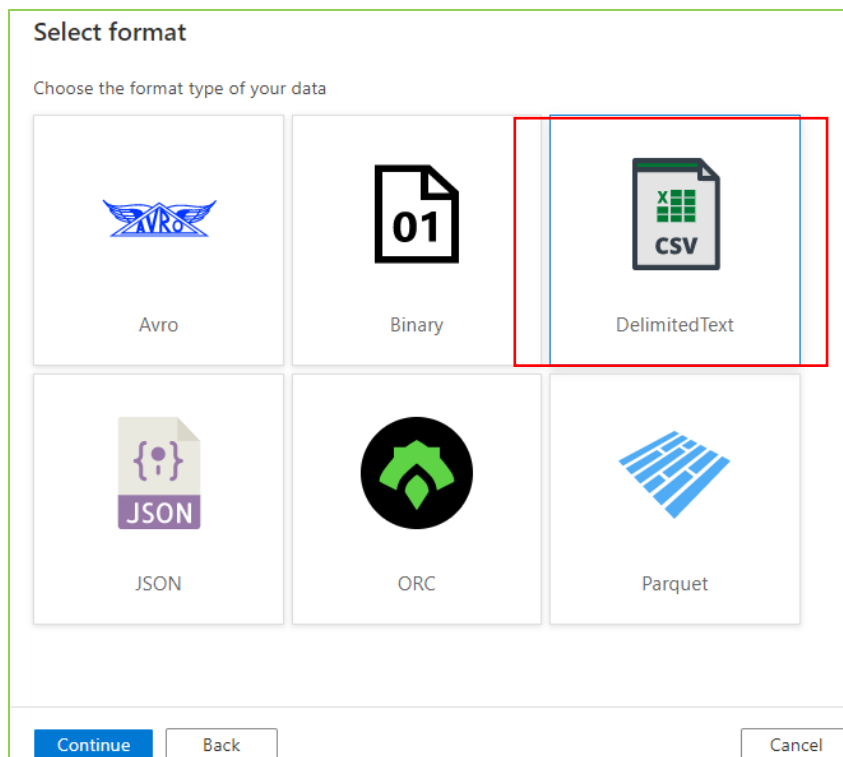
General Source Sink Mapping Settings User properties

Sink dataset * Select... + New

Step 7 Select Azure Blob Storage.



Step8 Select Delimited text.



Step9 Select Linked Service.

Set properties

Name
DelimitedText3

Linked service *

Select...

Filter...

Select...

+ New

AzureBlobStorage1

linkedService1

linkedService2

OK Back Cancel

Step10 Select Output Container in File path.

Set properties

Name
DelimitedText3

Linked service *

AzureBlobStorage1

File path

output / Directory / File

First row as header ☐

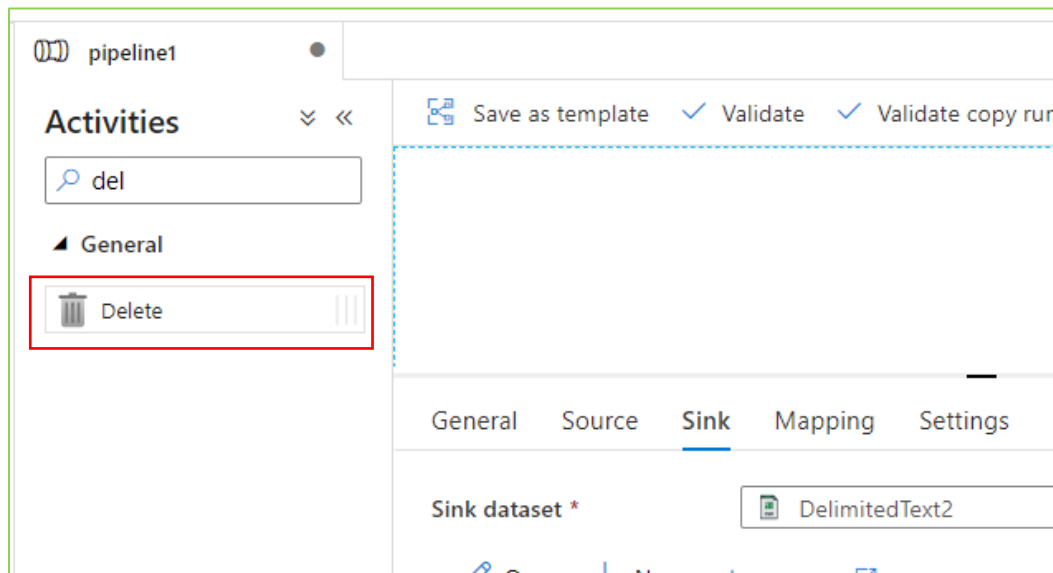
Import schema

☒ From connection/store ☐ From sample file ☐ None

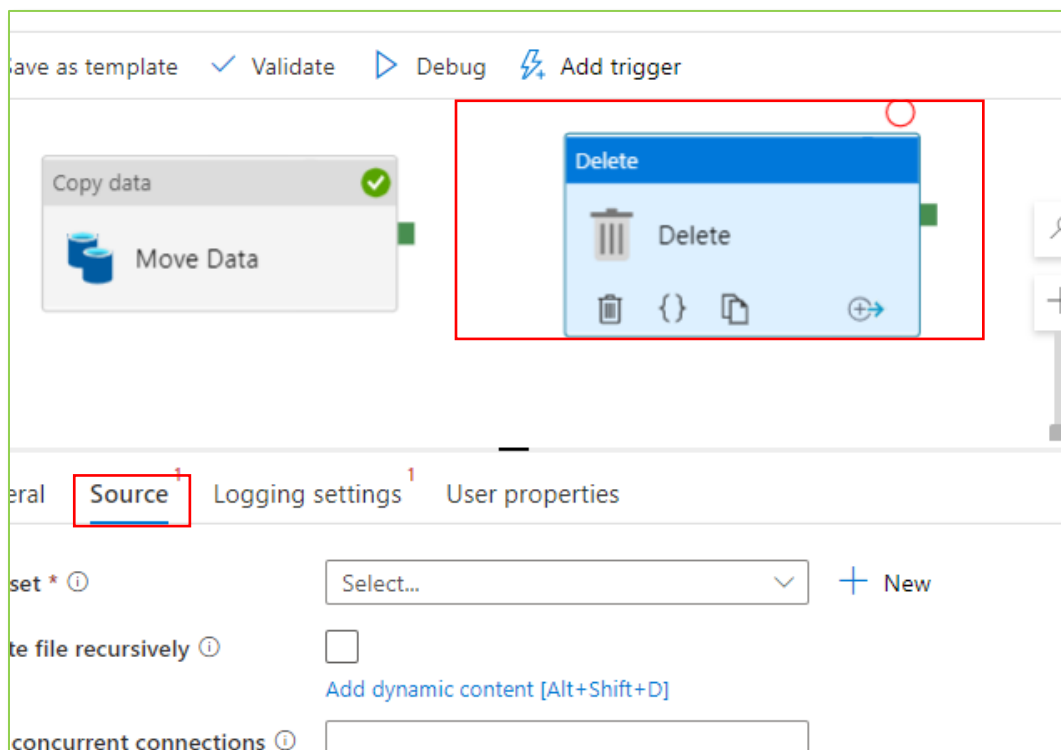
Advanced

OK Back Cancel

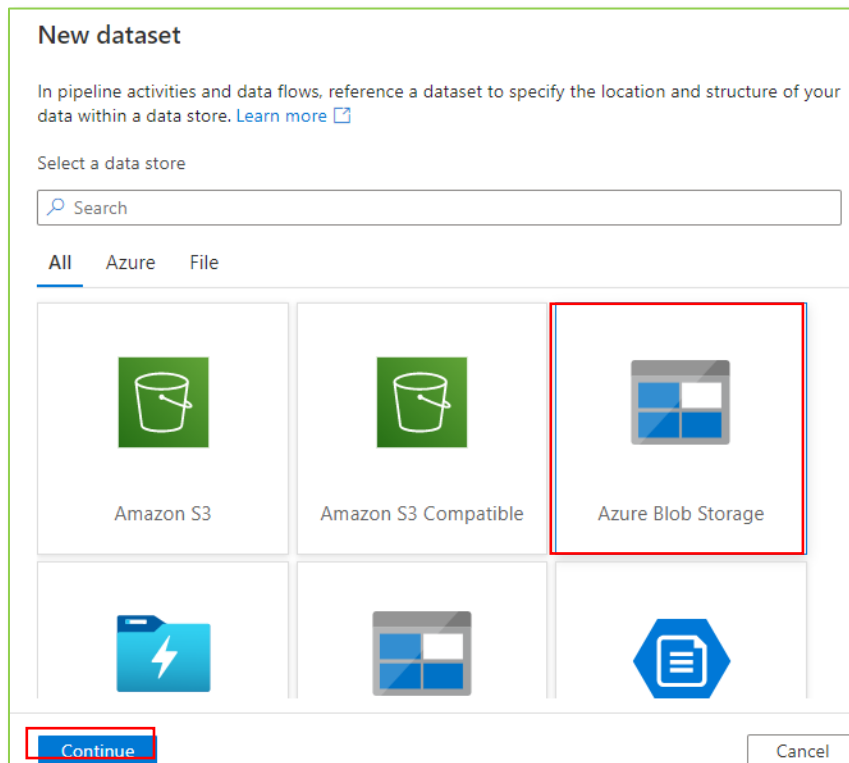
Step 11 Add Delete Activity from General drag & drop.



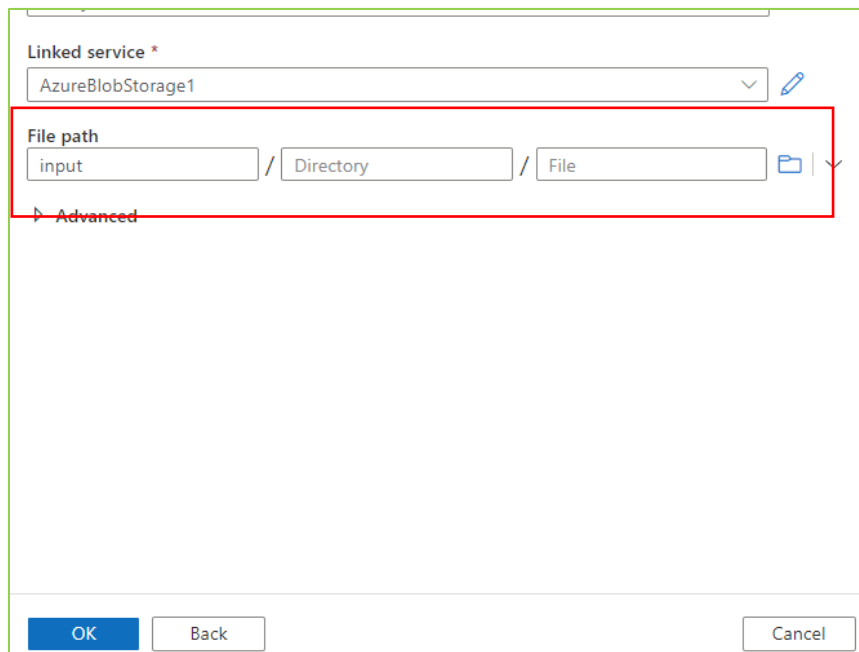
Step 12 Add Source Click on New Button.



Step13 Select Azure Blob Storage.



Step 14 Select File path Input.



Step 15 Select Logging settings Select Logging account Linked Service add Folder path as Input Container.

General Source **Logging settings** User properties

Enable logging ☒

Logging settings

Logging account linked service *

Test connection Edit + New

Folder path Browse

Step16 Click on debug.

Save as template Validate **Debug** Add trigger

Copy data ☒ Move Data

Delete Delete

Parameters Variables Settings **Output**

Pipeline run ID: **4701168a-1bc4-4b01-8a96-095c5d3448af** View debug run consumption

Integration runtime	Run ID
Delete	2021-07-03T11:20:10.863 00:00:05
Move Data	2021-07-03T11:20:03.585 00:00:07


Step 17 Output of a pipeline.

Details


Refresh

[Learn more on copy performance details from here.](#)

Activity run id: 4fed6514-c982-4949-b92e-88155ec09170

 Azure Blob Storage
Region: West US 2

Succeeded

 Azure Blob Storage
Region: West US 2

Data read: ⓘ	1.759 KB	Data written: ⓘ	1.759 KB
Files read: ⓘ	4	Files written: ⓘ	4
Peak connections: ⓘ	4	Peak connections: ⓘ	4

Copy duration 00:00:03

Throughput: ⓘ 600.064 bytes/s

▲ Azure Blob Storage → Azure Blob Storage

Start time 7/3/21, 4:33:07 PM

Used DUs ⓘ 4