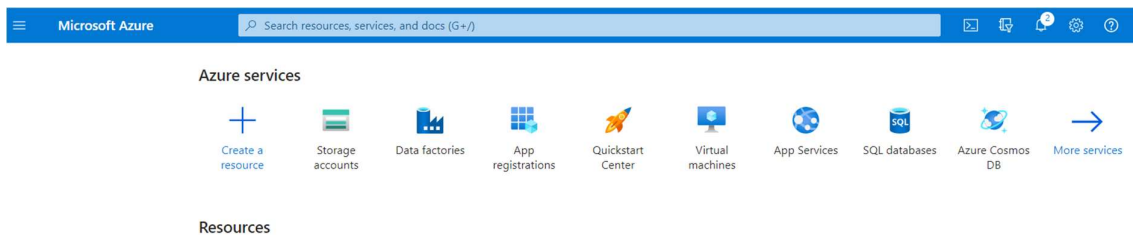
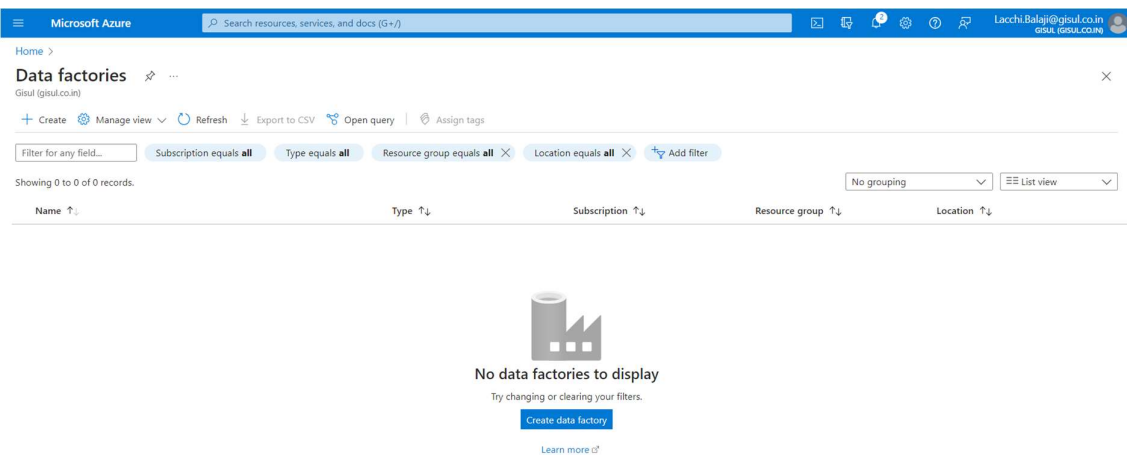


# Create Data Factory

1. Go to Home and click on Data Factories under Azure Services.



2. Next click on Create Data Factory as shown below.



3. In the Resource Group give the group name that we created in the previous example.
4. Give the Name and click on the Review+Create option.

## Create Data Factory

**Basics** | Git configuration | Networking | Advanced | Tags | Review + create

One-click to create data factory with sample pipeline and datasets. [Try it](#)

**Project details**

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* ⓘ

Resource group \* ⓘ  [Create new](#)

**Instance details**

Name \* ⓘ  ✓

Region \* ⓘ

Version \* ⓘ

[Previous](#) [Next](#) [Review + create](#)

5. Click on Create.

Basics   Git configuration   Networking   Advanced   Tags   **Review + create**

[View automation template](#)

**TERMS**

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for details.

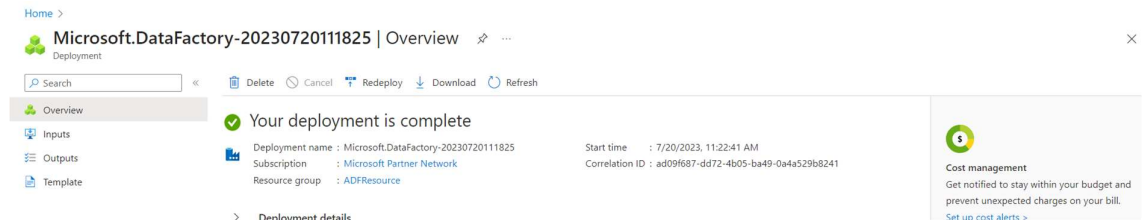
**Basics**

Subscription	Microsoft Partner Network
Resource group	ADFResource
Name	AzureDataFactoryTraing
Region	East US
Version	V2

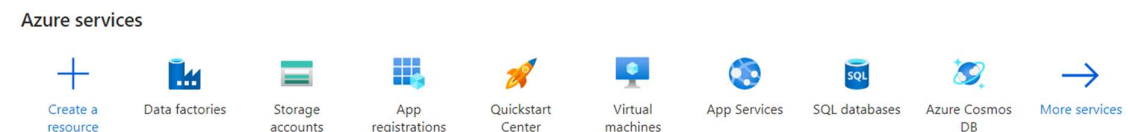
**Networking**

[Previous](#)   [Next](#)   **Create**

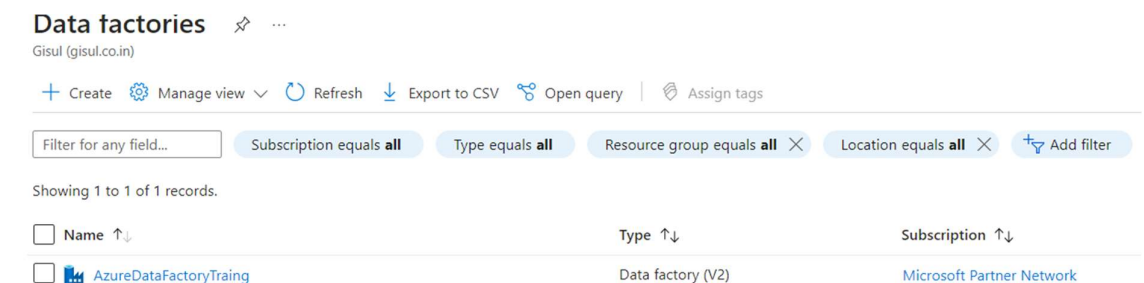
6. After some time you will see the below screenshot. It means our data factory is created.



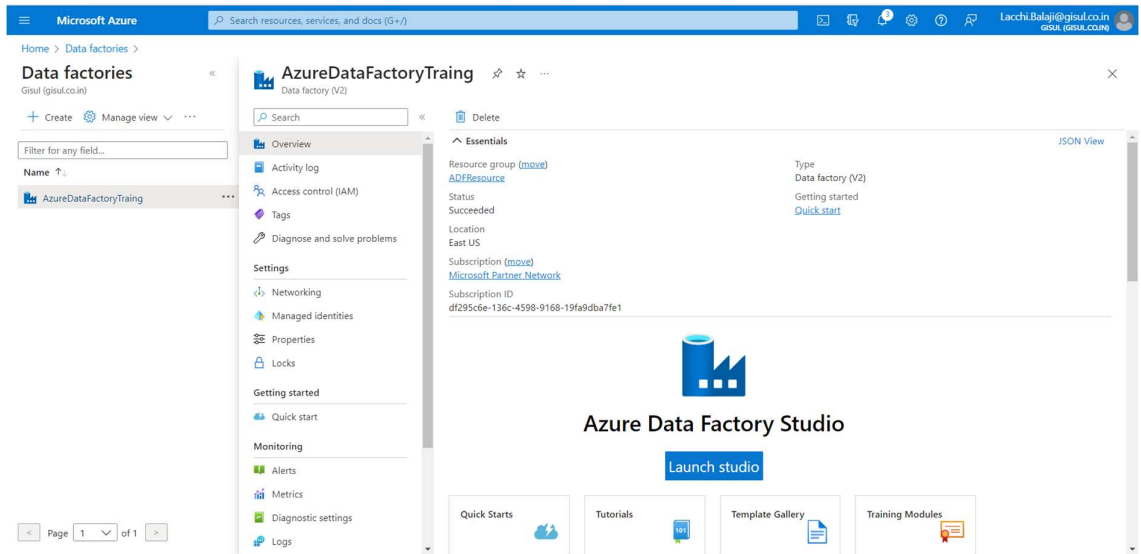
7. Now to go to the data factory, go to home and click on the data factories.



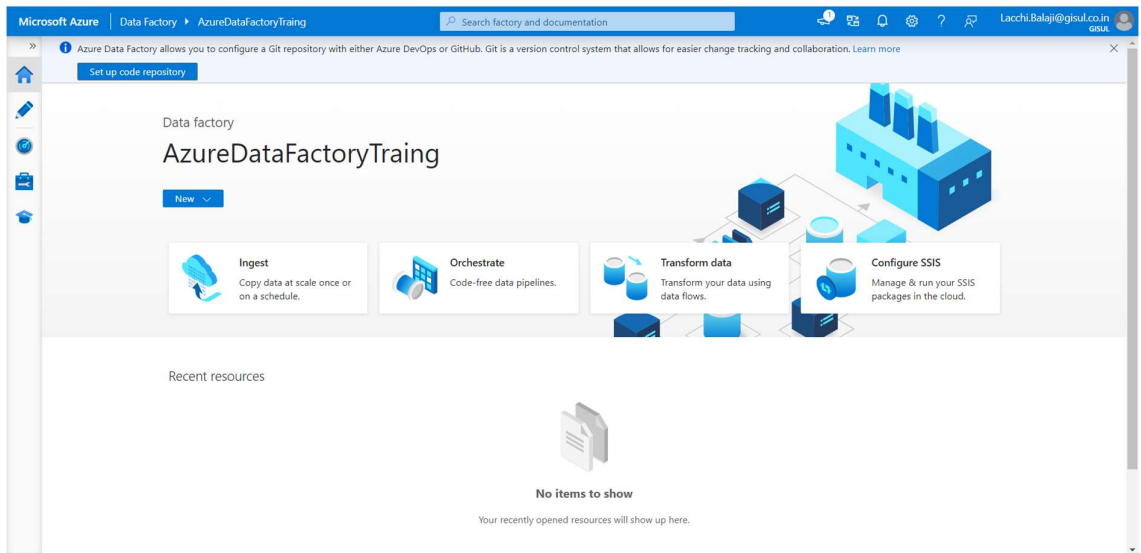
8. You will see the data factory that we created click on it.



9. Now click on Launch Studio as shown below.

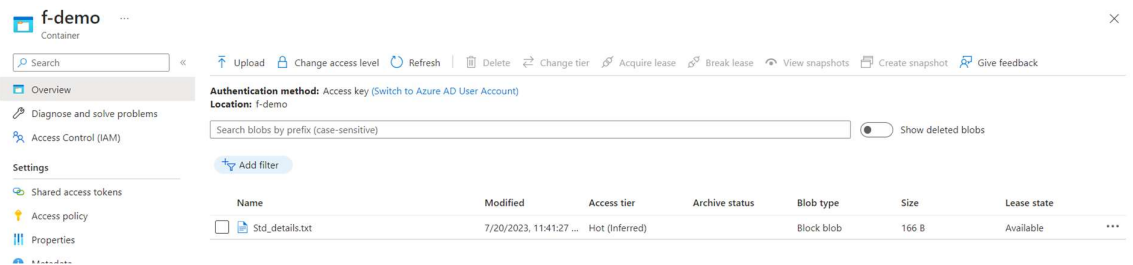


10. It will directly take you to Azure Data Factory as shown below.



## Create Pipeline

1. In this example we use the Std\_details file that we upload into the cloud blob storage,



2. In the New search tab. Type adf.azure.com
3. Select the Data Factory that we created under the Name section then click on Continue.

Microsoft Azure

# Welcome to Azure Data Factory

☐ Create a new data factory ☒ Select an existing data factory

## Select an existing data factory

Microsoft Azure Data Factory is a cloud-based data integration service that automates data movement and transformation. [Learn more](#)

**Azure Active Directory**

Gisul (f91ae283-2d17-4062-aeaf-1884d70ce0be)

**Subscription**

Microsoft Partner Network (df295c6e-136c-4598-9168-19fa9dba7fe1)

**Name \***

AzureDataFactoryTraing

**Continue**

4. Go to Manage table and click on Linket service then click on Create Linked Service.

Microsoft Azure | Data Factory > AzureDataFactoryTraing

Search factory and documentation

Validate all Publish all

Preview experience Off

**Linked services**

Linked service defines the connection information to a data store or compute. [Learn more](#)

+ New

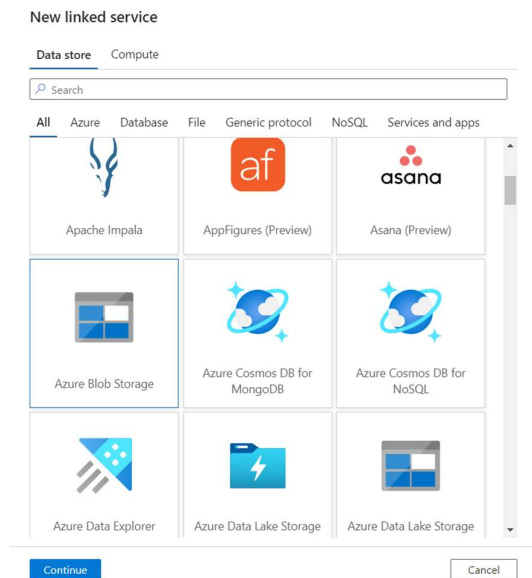
Filter by name Annotations: Any

No linked service to show

If you expected to see results, try changing your filters or create a new linked services.

**Create linked service**

5. Select Azure Blob Storage and click on continue.



6. Next give the name and storage account name. Then set the properties as shown below.
7. Test the connection and click on Create.

New linked service

Azure Blob Storage [Learn more](#)

Name \*  
AzureBlobStorage\_txt

Description

Connect via integration runtime \* ⓘ  
AutoResolveIntegrationRuntime

Authentication type  
Account key

Connection string Azure Key Vault

Account selection method ⓘ  
☒ From Azure subscription ☐ Enter manually

Azure subscription ⓘ  
Microsoft Partner Network (df295c6e-136c-4598-9168-19fa9dba7fe1)

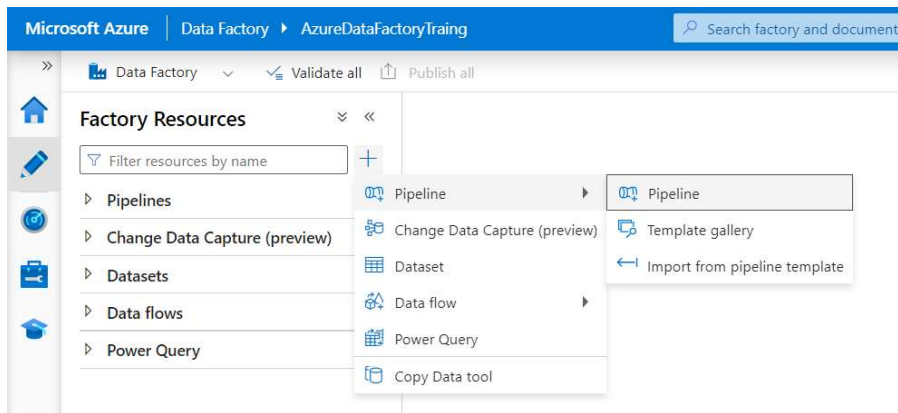
Storage account name \*  
adftraing

Additional connection properties  
+ New

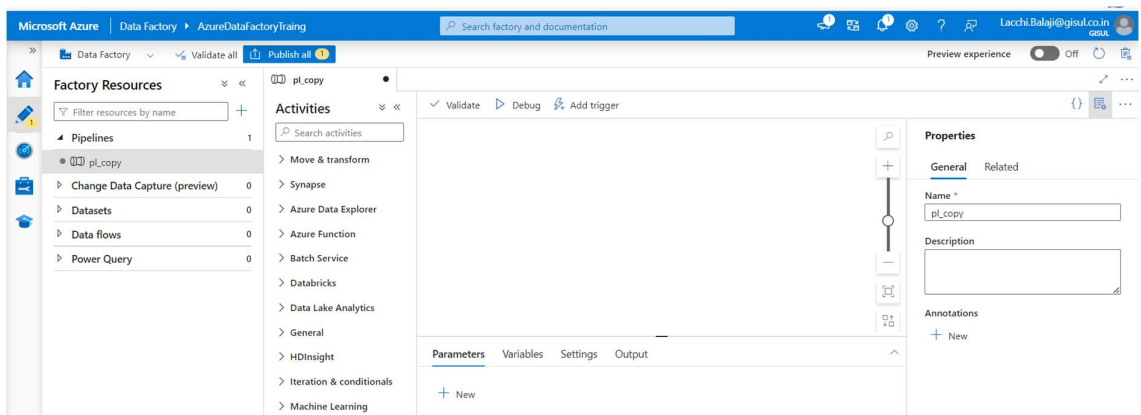
Connection successful

Create Back Test connection Cancel

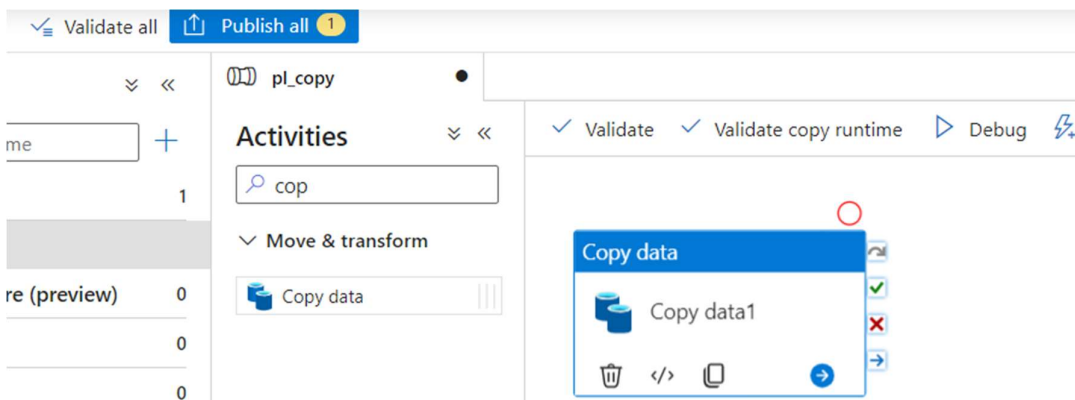
8. Under the Author tab click on the plus symbol and click on the plus symbol then click on the pipeline as shown below.



9. Give the Name as shown below.



10. Under Activities find the copy data and drag and drop it as shown below.



11. Under general give the name.

General Source<sup>1</sup> Sink<sup>1</sup> Mapping Settings User properties

Name \*  [Learn more](#)

Description

Activity state (preview) ☒ Active ☐ Inactive

Timeout

12. Under source click on plus symbol to create a dataset.

General **Source<sup>1</sup>** Sink<sup>1</sup> Mapping Settings User properties

Source dataset \*  [+ New](#)










13. Select Azure Blob Storage and click on continue.

#### New dataset

In pipeline activities and data flows, reference a dataset to specify the location and structure of your data within a data store. [Learn more](#)

Select a data store

All Azure Database File Generic protocol NoSQL Services and apps









 Amazon Redshift	 Amazon S3	 Amazon S3 Compatible
 Apache Impala	 Azure Blob Storage	 Azure Cosmos DB for MongoDB
 Azure Data Lake Storage	 Azure Databricks	 Azure Key Vault

[Continue](#) [Cancel](#)

14. Select Delimited text and click on continue.

Select format

Choose the format type of your data

 Avro	 Binary	 DelimitedText
 Excel	 JSON	 ORC
 Parquet	 XML	


[Continue](#) [Back](#) [Cancel](#)



15. Give the name and linked service then click on the file symbol and select the file.

16. Check the None option and click on OK.

### Set properties

Name

Linked service \*  
 

File path  
 /  /   

First row as header ☒


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

> Advanced

17. Under sink click on the plus symbol to create a destination dataset.

General Source **Sink<sup>1</sup>** Mapping Settings User properties

---

Sink dataset \*   [+ New](#)



18. Select the Azure Blob Storage and click on continue. Then click on Delimited text and click on Continue.
19. Give the name and linked service then under the file path give the container name and directory as output and check the below properties.

### Set properties

Name

Linked service \*

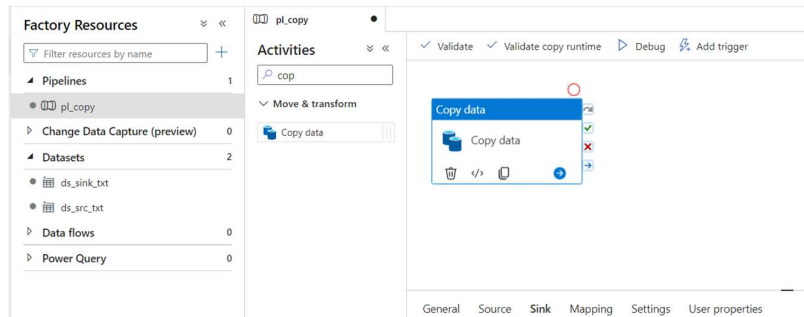
File path  
 /  /

First row as header ☒

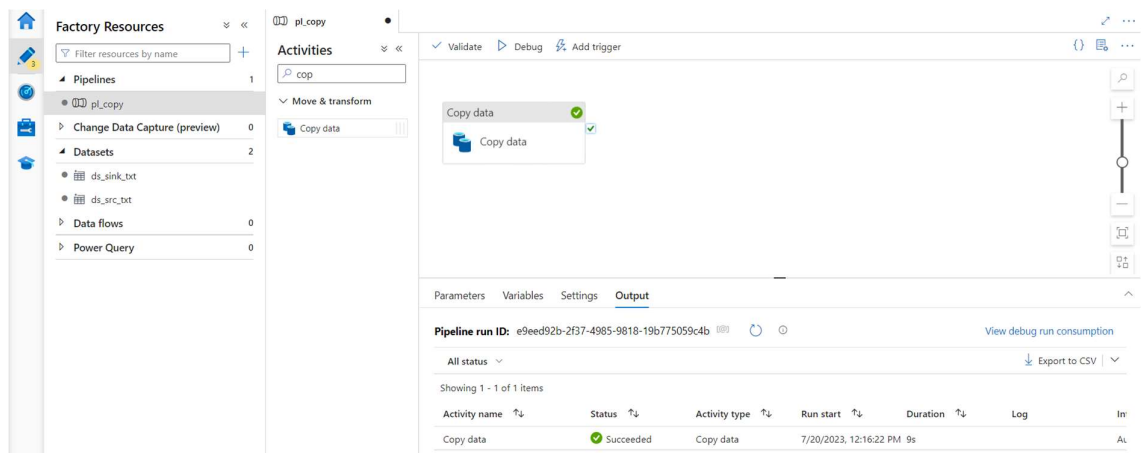
Import schema  
☐ From connection/store ☐ From sample file ☒ None

> Advanced

20. Now click on Validate. Next, click on Debug.



21. Now pipeline is executed successfully.



22. Now go to the container you will see a folder as Output, click on it.

**f-demo** ...  
Container

Search << Upload Change access level Refresh Delete

**Overview**

Diagnose and solve problems

Access Control (IAM)

**Settings**

Shared access tokens

Access policy

Properties

Metadata

**Authentication method:** Access key ([Switch to Azure AD User Account](#))  
**Location:** f-demo

Search blobs by prefix (case-sensitive)

Add filter

Name	Modified
<input type="checkbox"/> Output	
<input type="checkbox"/> Std_details.txt	7/20/2023

23. Now we can see our Std\_details file is copied.

Name	Modified
<input type="checkbox"/> [..]	
<input type="checkbox"/> Std_details.txt	7/20/2023