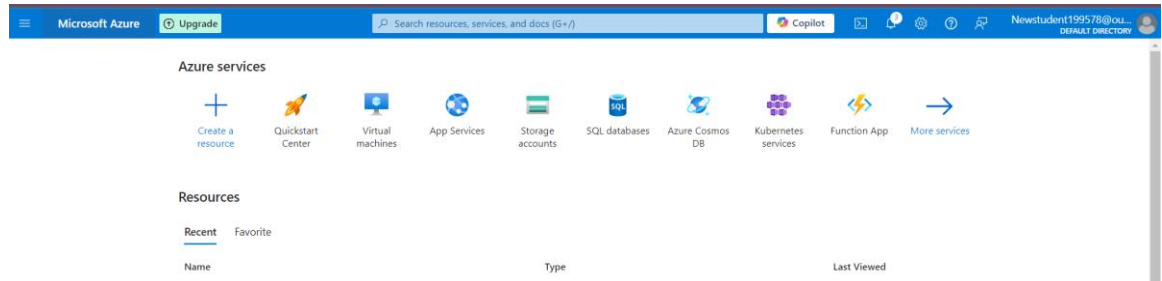


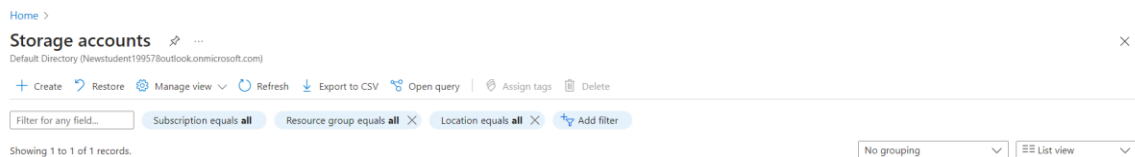
1. Create Two Storage Accounts and Create a Container Inside Them

Step 1: Create Two Storage Accounts

1. **Log in** to the Azure portal.



2. In the search bar, type **Storage accounts** and click on **Storage accounts** under services.



3. Click **Create**.
4. Fill in the necessary details for the first storage account:
 - **Subscription:** Choose your subscription.
 - **Resource Group:** Select an existing one or create a new one.
 - **Storage account name:** Enter a unique name for the first storage account (**shahidteam1**).
 - **Region:** Choose a preferred region.
 - **Performance:** Choose **Standard**.
 - **Replication:** Choose the replication type LRS.
 - Click **Review + Create** and then **Create**.
5. Repeat the steps to create the **second storage account (shahidteam2)**.

Storage accounts ...

Default Directory (Newstudent199578outlook.onmicrosoft.com)

+ Create Restore Manage view Refresh Export to CSV Open query Assign tags Delete

Filter for any field... Subscription equals all Resource group equals all Location equals all Add filter

Showing 1 to 2 of 2 records.

Name	Type	Kind	Resource group	Location	Subscription
shahidteam1	Storage account	StorageV2	rg-1	South Central US	Free Trial
shahidteam2	Storage account	StorageV2	rg-1	South Central US	Free Trial

Step 2: Create a Container Inside Each Storage Account

- Go to **Storage accounts** and click on the first storage account (**shahidteam1**).
- In the left-hand menu, under **Data storage**, click **Containers**.
- Click **+ Container** at the top, provide a name for the container (**shahidteam1container**), and select **Private** for public access.
- Click **Create**.

+ Container Change access level Restore containers Refresh Delete Give feedback

Search containers by prefix Show deleted containers

Name	Last modified	Anonymous access level	Lease state
shahidteam1container	9/25/2024, 8:38:57 AM	Private	Available

- Repeat these steps for the second storage account (**shahidteam2**) and create another container (**shahidteam2container**).

2. Upload Some Data to the First Blob Service

- Go to the first storage account (**shahidteam1**).
- Under **Data storage**, click on **Containers**, and select **shahidteam1container**.
- Click on **Upload** and select the files you want to upload to the Blob storage.
- Click **Upload** to complete the process.

shahidteam1container ...

Container

Search Upload Change access level Refresh Delete Change tier Acquire lease Break lease View snapshots Create snapshot Give feedback

Authentication method: Access key (Switch to Microsoft Entra user account)
Location: shahidteam1container

Search blobs by prefix (case-sensitive) Show deleted blobs

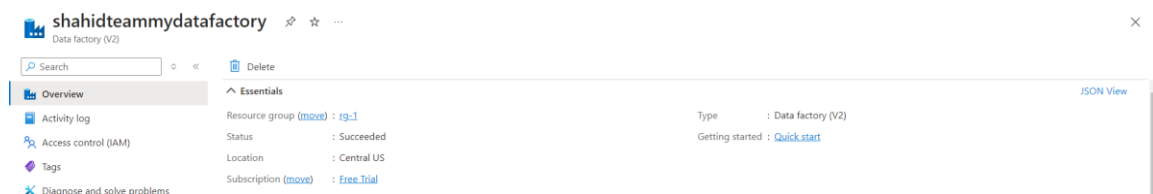
Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
BANNER-IMAGE-1-scaled.webp	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	38.63 KIB	Available
BANNER-IMAGE-2-scaled.webp	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	42.63 KIB	Available
branches.svg	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	6.96 KIB	Available
city.svg	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	911 B	Available
docker-compose.yaml	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	591 B	Available
employees.svg	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	3.59 KIB	Available

3. Using Data Factory to Copy Data to the Second Storage Service's Container

Step 1: Create an Azure Data Factory

1. In the Azure portal, search for **Data Factories** and click **Create**.
2. Fill in the details for the Data Factory:
 - **Subscription:** Choose your subscription.
 - **Resource Group:** Select the same resource group or create a new one.
 - **Region:** Choose the same region as the storage accounts.
 - **Name:** Enter a unique name (**shahidteammydatafactory**).
 - Click **Review + Create** and then **Create**.



Step 2: Create Linked Services for Storage Accounts

1. Open **Azure Data Factories**.
2. In the Data Factory UI, click on the **Manage** tab on the left.
3. Under **Connections**, click **Linked Services** and then **New**.
4. Select **Azure Blob Storage**, and for the **Connection**:
 - Select your first storage account (**shahidteam1**), and connect using **Account Key**.
 - Repeat this process to create a linked service for the second storage account (**shahidteam2**).

Linked services

Successfully created shahidteam1 (linked service).

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

+ New

Filter by name

Annotations : Any

Showing 1 - 2 of 2 items

Name ↑↓	Type ↑↓	Related ↑↓	Annotations ↑↓
 shahidteam1	Azure Blob Storage	0	
 shahidteam2	Azure Blob Storage	0	

Step 3: Create a Copy Data Pipeline

1. Click on the **Author** tab in the Data Factory UI.
2. Under **Pipelines**, click **+ New pipeline**.
3. In the **Activities** pane, drag the **Copy data** activity onto the pipeline canvas.
4. In the **Source** settings:
 - Choose **Blob Storage**.
 - Select the first storage account (**shahidteam1**) and **shahidteam1container** as the source.
5. In the **Sink** settings:
 - Choose **Blob Storage**.
 - Select the second storage account (**shahidteam2**) and **shahidteam2container** as the destination.
6. Configure other options like file format and hit **Debug** or **Trigger Now** to start the copy operation.

Showing 1 - 1 items

Last refreshed 0 minutes ago

<input type="checkbox"/> Pipeline name ↑↓	Run start ↑↓	Duration	Status ↑↓	Triggered by	Run ID	Parameters
<input type="checkbox"/> pipeline1	9/25/2024, 8:57:35 AM	19s	✔ Succeeded	Manual trigger	b868387d-6b4d-42ee-aa66	

- Overview
- Diagnose and solve problems
- Access Control (IAM)
- Settings







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

Location: shahidteam2container

Search blobs by prefix (case-sensitive)

Show deleted blobs

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state	
<input type="checkbox"/>  BANNER-IMAGE-1-scaled.webp	9/25/2024, 8:57:51 AM	Hot (Inferred)		Block blob	38.63 KiB	Available	***
<input type="checkbox"/>  BANNER-IMAGE-2-scaled.webp	9/25/2024, 8:57:51 AM	Hot (Inferred)		Block blob	42.63 KiB	Available	***
<input type="checkbox"/>  branches.svg	9/25/2024, 8:57:51 AM	Hot (Inferred)		Block blob	6.96 KiB	Available	***
<input type="checkbox"/>  city.svg	9/25/2024, 8:57:51 AM	Hot (Inferred)		Block blob	911 B	Available	***
<input type="checkbox"/>  docker-compose.yaml	9/25/2024, 8:57:51 AM	Hot (Inferred)		Block blob	591 B	Available	***
<input type="checkbox"/>  employees.svg	9/25/2024, 8:57:51 AM	Hot (Inferred)		Block blob	3.59 KiB	Available	***