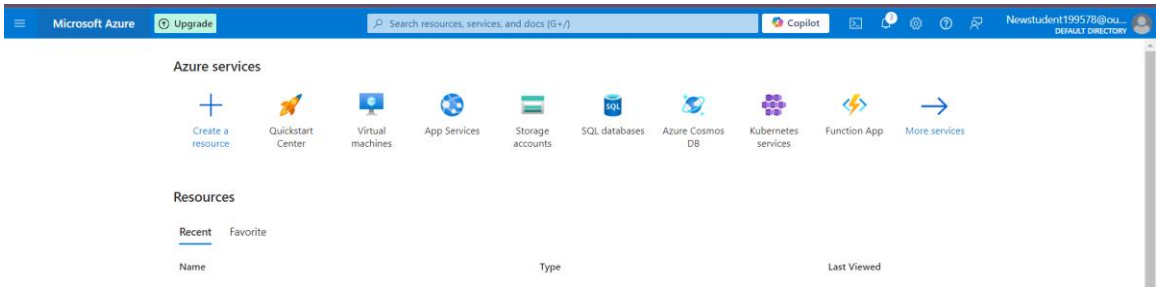
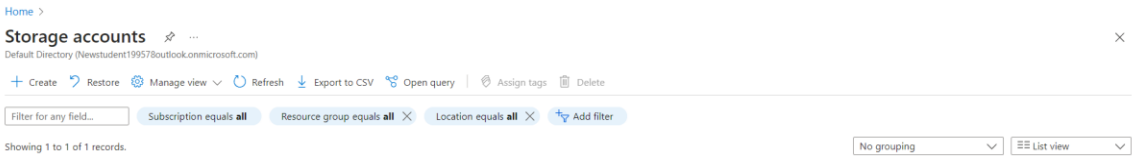
1. Create Two Storage Accounts and Create a Container Inside Them

Step 1: Create Two Storage Accounts

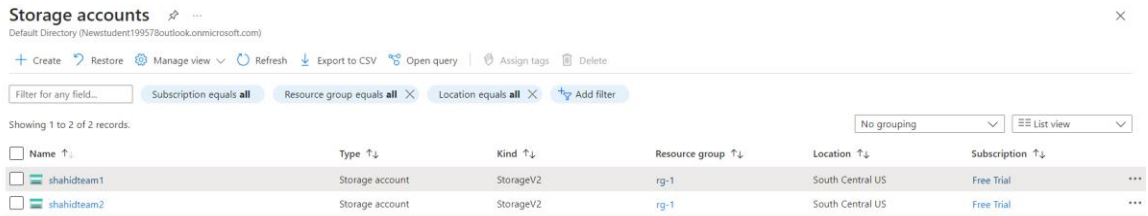
1. **Log in** to the Azure portal.



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

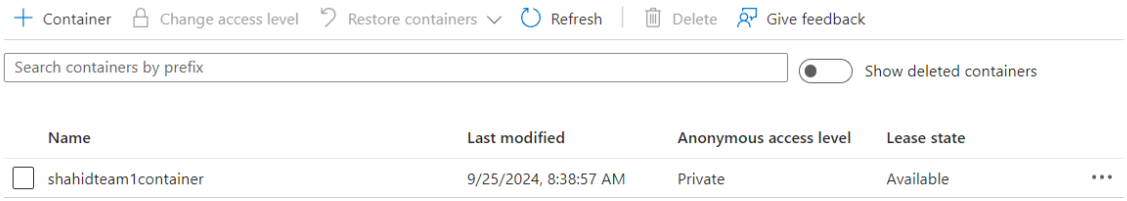


3. Click **Create**.
4. Fill in the necessary details for the first storage account:
    - **Subscription**: Choose your subscription.
    - **Resource Group**: Select an existing one or create a new one.
    - **Storage account name**: Enter a unique name for the first storage account (**shahidteam1**).
    - **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**).



Step 2: Create a Container Inside Each Storage Account

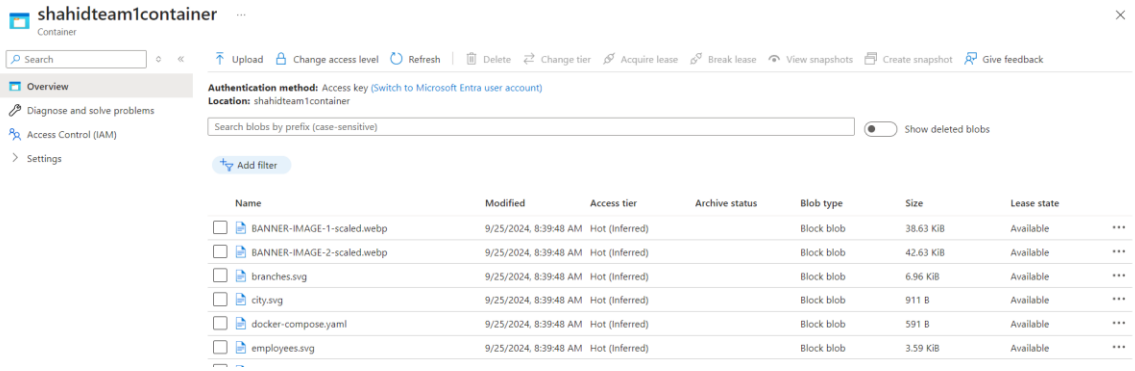
1. Go to **Storage accounts** and click on the first storage account (**shahidteam1**).
2. In the left-hand menu, under **Data storage**, click **Containers**.
3. Click **+ Container** at the top, provide a name for the container (**shahidteam1container**), and select **Private** for public access.
4.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



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

2. Upload Some Data to the First Blob Service

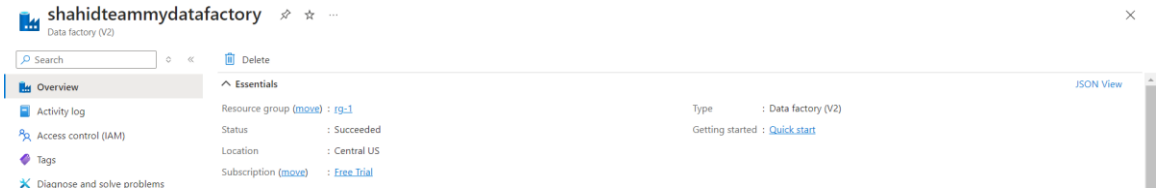
1. Go to the first storage account (**shahidteam1**).
2. Under **Data storage**, click on **Containers**, and select **shahidteam1container**.
3. Click on **Upload** and select the files you want to upload to the Blob storage.
4. Click **Upload** to complete the process.



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

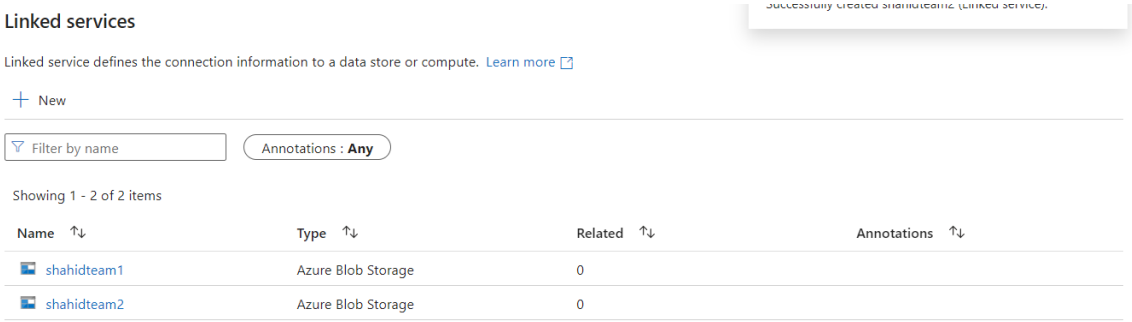
Step 1: Create an Azure Data Factory

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**.



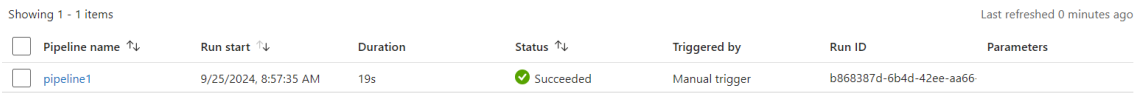
Step 2: Create Linked Services for Storage Accounts

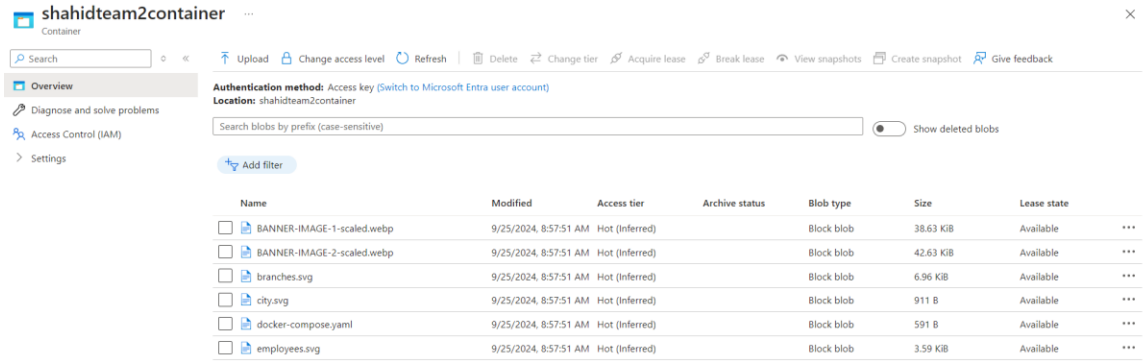
1. Open **Azure Data Factories**.
2. In the Data Factory UI, click on the **Manage** tab on the left.
3. Under **Connections**, click **Linked Services** and then **New**.
4. Select **Azure Blob Storage**, and for the **Connection**:
    - Select your first storage account (**shahidteam1**), and connect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



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.




shahidteam2container
Container
Search
Overview
Diagnose and solve problems
Access Control (IAM)
Settings
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: shahidteam2container
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, 8:57:51 AM Hot (Inferred) Block blob 38.63 KiB Available
BANNER-IMAGE-2-scaled.webp 9/25/2024, 8:57:51 AM Hot (Inferred) Block blob 42.63 KiB Available
branches.svg 9/25/2024, 8:57:51 AM Hot (Inferred) Block blob 6.96 KiB Available
city.svg 9/25/2024, 8:57:51 AM Hot (Inferred) Block blob 911 B Available
docker-compose.yaml 9/25/2024, 8:57:51 AM Hot (Inferred) Block blob 591 B Available
employees.svg 9/25/2024, 8:57:51 AM Hot (Inferred) Block blob 3.59 KiB Available