

Hands-on Practice

I completed and submitted Homework.

Self-Learning

I completed Agile, Jira & Confluence.

SQL basics as from shared resources in the group – In Progress

Certification:

I started going through the pdf document of DP-900.

EOD Updates:

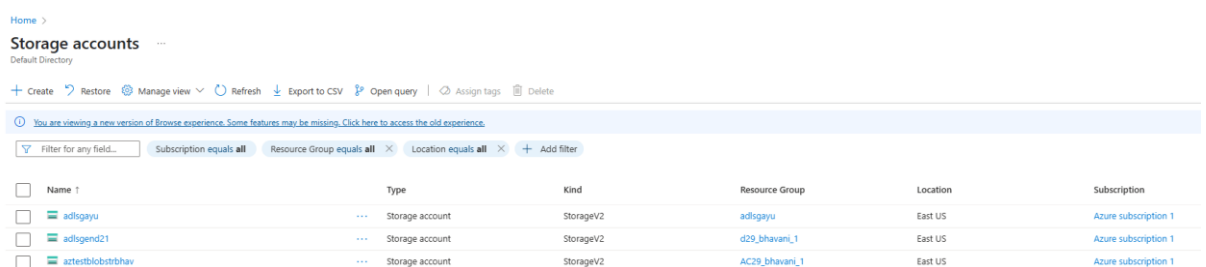
I have done homework as given and started reading the DP-900 question for certificate preparation, also revised the topics Working on to complete the Weekend Project which is assigned.

Homework | Cycle 29 | Session 7

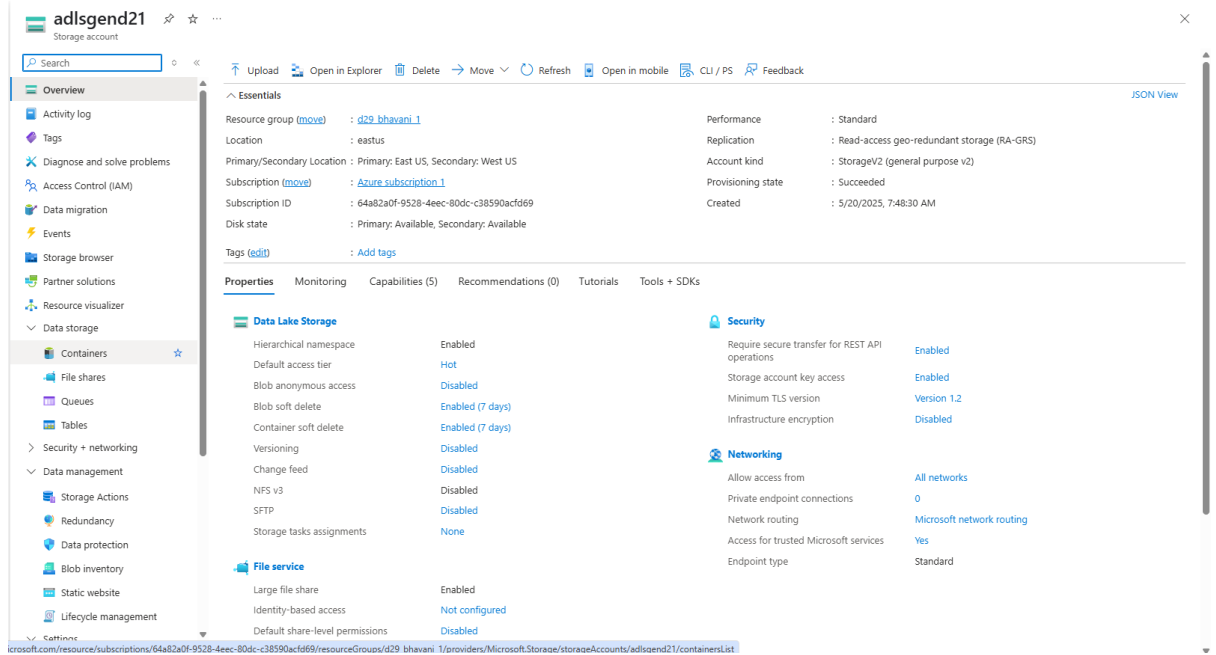
- Create a Pipeline to copy single file from adls to blob storage account
- Create a Pipeline to convert csv to json format
- Create a Pipeline to convert json to parquet format

❖ Create a Pipeline to convert json to parquet format

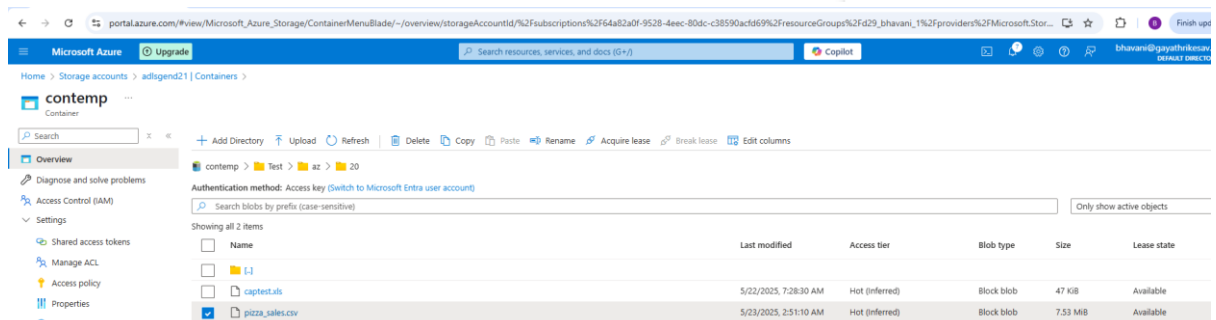
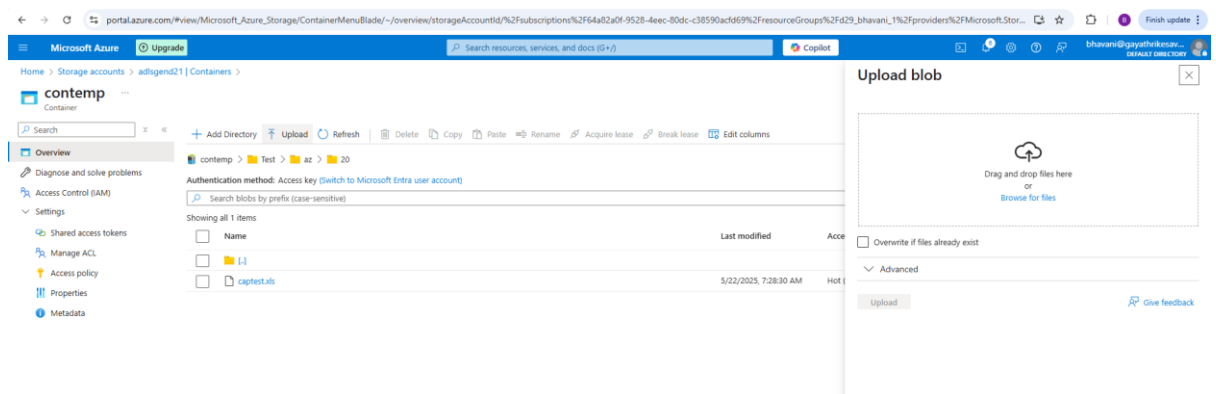
Login into portal.azure.com and Navigate from Home select Storage accaounts -
->select your adls zen2 storage account



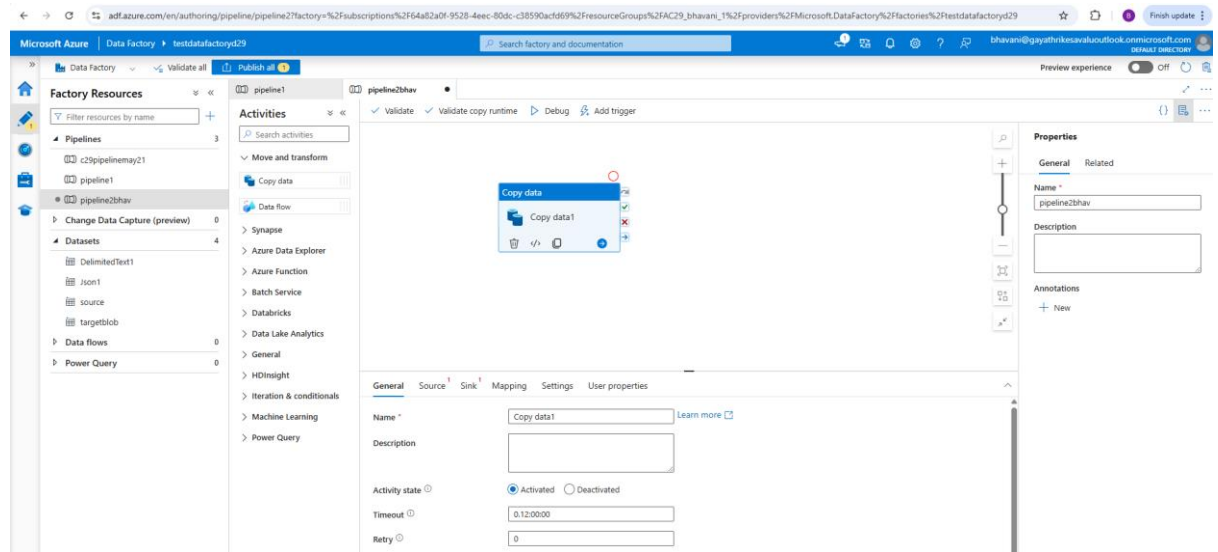
Home > Storage accounts ...					
Default Directory					
+ Create ↺ Restore ⚙ Manage view ▾ ↻ Refresh ⬇ Export to CSV 📄 Open query 🏷 Assign tags 🗑 Delete					
🔔 You are viewing a new version of Browse experience. Some features may be missing. Click here to access the old experience.					
▼ Filter for any field... Subscription equals all Resource Group equals all Location equals all + Add filter					
<input type="checkbox"/>	Name 1	Type	Kind	Resource Group	Location
<input type="checkbox"/>	adlgayy	Storage account	StorageV2	adlgayy	East US
<input type="checkbox"/>	adlgend21	Storage account	StorageV2	d29_bhavani_1	East US
<input type="checkbox"/>	aztestblobstbhav	Storage account	StorageV2	AC29_bhavani_1	East US



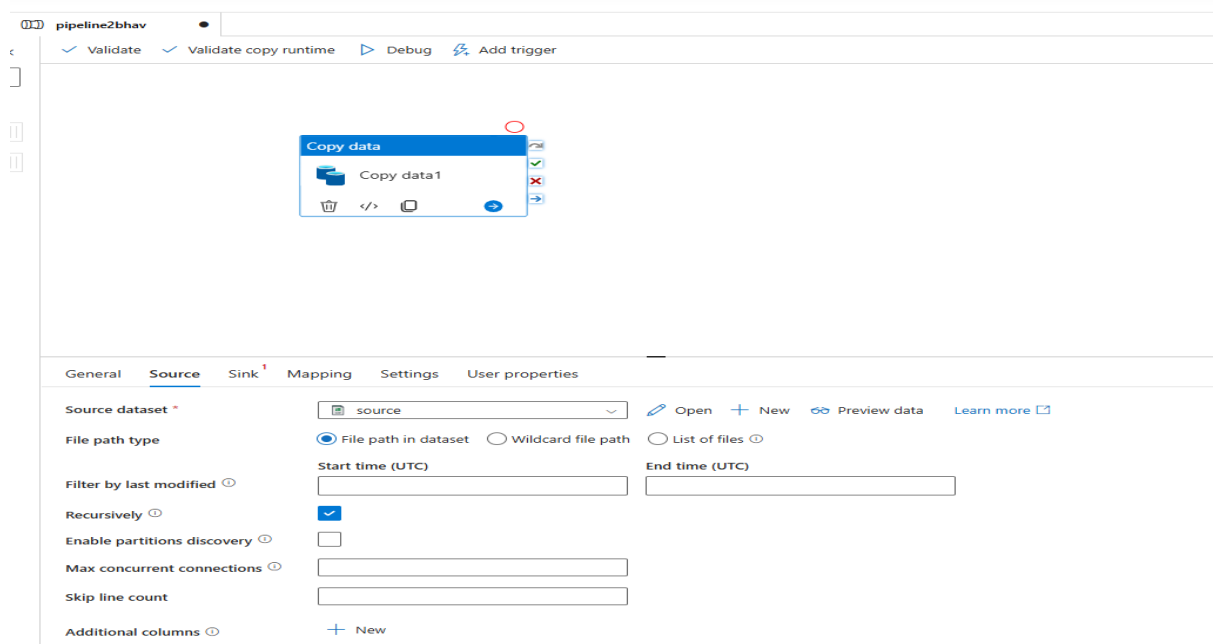
Select Containers from left menu and then select your container 'contemp' --
 >subfolders and then upload file from 'upload' option



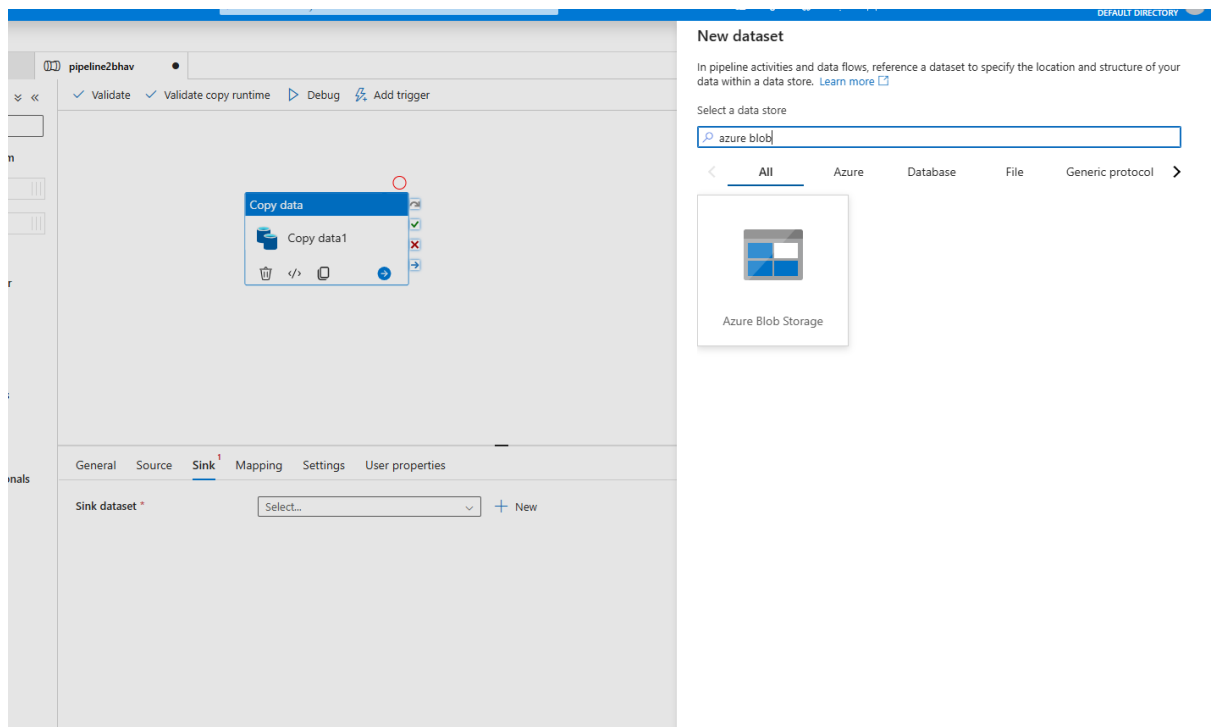
Open data factory -->from left side navigation click on Author-->then click on new pipeline-->select copy activity from move and transform



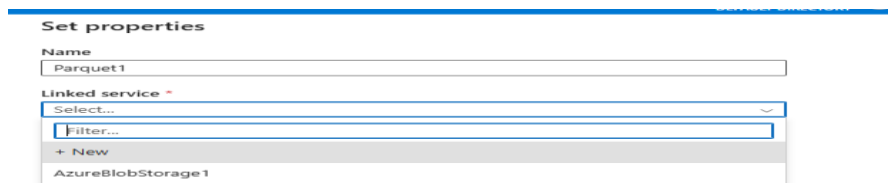
Go to source tab and select csv file path from adls gen2 storage as source



Go to sink tab --> click on new for selecting the target file--> window will open to select the new dataset, there search for Azure blob storage and then select



Next choose the format as PARQUET and click on continue --> give the linked service and select the file path--> save the changes by clicking on Publish all



DEFAULT DIRECTORY

Set properties

Name

Parquet1

Linked service *

AzureBlobStorage1

File path

inputcont

Directory

File name

Import schema

☒ From connection/store

☐ From sample file

☐ None

> Advanced

OK

Back

Cancel

Publish all

You are about to publish all pending changes to the live environment. [Learn more](#)

Pending changes (2)

NAME	CHANGE	EXISTING
Pipelines		
pipeline2bhav	(New)	-
Datasets		
Parquet1	(New)	-

Publish

Cancel

Microsoft Azure | Data Factory | testdatafactoryd29

Search factory and documentation

Factory Resources

Pipelines

3

c29pipelinemay21

pipeline1

pipeline2bhav

Change Data Capture (preview)

0

Datasets

5

DelimitedText1

Json1

Parquet1

Activities

Search activities

Move and transform

Copy data

Data flow

Synapse

Azure Data Explorer

Azure Function

Batch Service

pipeline2bhav

Validate

Validate copy runtime

Debug

Add trigger

Copy data

Copy data1

Preview experience

Off

Publishing completed

Successfully published

Properties

General

Related

Name *

pipeline2bhav

Description

Annotations

Click on Debug button

Trigger test runs of the current pipeline without publishing your changes to the service

Copy data

Copy data1

Parameters Variables Settings **Output**

Pipeline run ID c0e69ceb-2409-4d1e-8368-fc589d63d0e8 Pipeline status **Succeeded** View debug run consumption

All status ▾ Monitor in Azure Metrics ↗ Export to CSV ▾

Showing 1 - 1 of 1 items

Activity name	Activity st...	Activit...	Run start	Duration	Integration runtime	User prop...	Activity run ID
Copy data1	✓ Succeeded	Copy data	5/23/2025, 5:24:14 AM	17s	AutoResolveIntegrationRuntime (East US)		04f6c89e-ab20-4139-b370-22a3a7eC

Now check in your blob storage if the file is copied with parquet format

Microsoft Azure Upgrade Search resources, services, and docs (Ctrl+J) Copilot bhavani@gayathirikesan... DEFAULT DIRECTORY

Home > aztestblobstribhav | Containers >

inputcont Container

Search + Add Directory Upload Change access level Refresh Delete Copy Paste Rename Acquire lease Break lease Edit columns

Overview

Diagnose and solve problems Access Control (IAM) Settings Shared access tokens Access policy Properties Metadata

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

Add filter Search blobs by prefix (case-sensitive) Only show active blobs

Showing all 3 items

Name	Last modified	Access tier	Blob type	Size	Lease state
testbhav					...
picza_sales.csv	5/22/2025, 8:37:31 AM	Hot (inferred)	Block blob	7.53 MiB	Available
picza_sales.parquet	5/23/2025, 5:24:29 AM	Hot (inferred)	Block blob	1.6 MiB	Available

- Create a Pipeline to convert csv to json format

Microsoft Azure Upgrade Search resources, services, and docs (Ctrl+J) Copilot bhavani@gayathirikesan... DEFAULT DIRECTORY

Home > aztestblobstribhav | Containers >

inputcont Container

Search + Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease Edit columns

Overview

Diagnose and solve problems Access Control (IAM) Settings Shared access tokens Access policy Properties Metadata

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

Add filter Search blobs by prefix (case-sensitive) Only show active blobs

Showing all 1 items

Name	Last modified	Access tier	Blob type	Size	Lease state
picza_sales.json	5/22/2025, 8:29:33 AM	Hot (inferred)	Block blob	16.29 MiB	Available

- Create a Pipeline to copy single file from adls to blob storage account

Microsoft Azure

Upgrade

Search resources, services, and docs (Ctrl F)

Copilot

Home

aztestblobtribhav

Containers

inputcont

Container

Search

+ Add Directory

Upload

Change access level

Refresh

Delete

Copy

Paste

Rename

Acquire lease

Break lease

Edit columns

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Access policy

Properties

Metadata

inputcont

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

Add filter

Search blobs by prefix (case-sensitive)

Only show active blobs

Showing all 3 items

	Name	Last modified	Access tier	Blob type	Size	Lease state
<input type="checkbox"/>	testbhav					...
<input checked="" type="checkbox"/>	pizza_sales.csv	5/22/2025, 8:37:31 AM	Hot (inferred)	Block blob	7.53 MB	Available