

First Step Data Ingestion

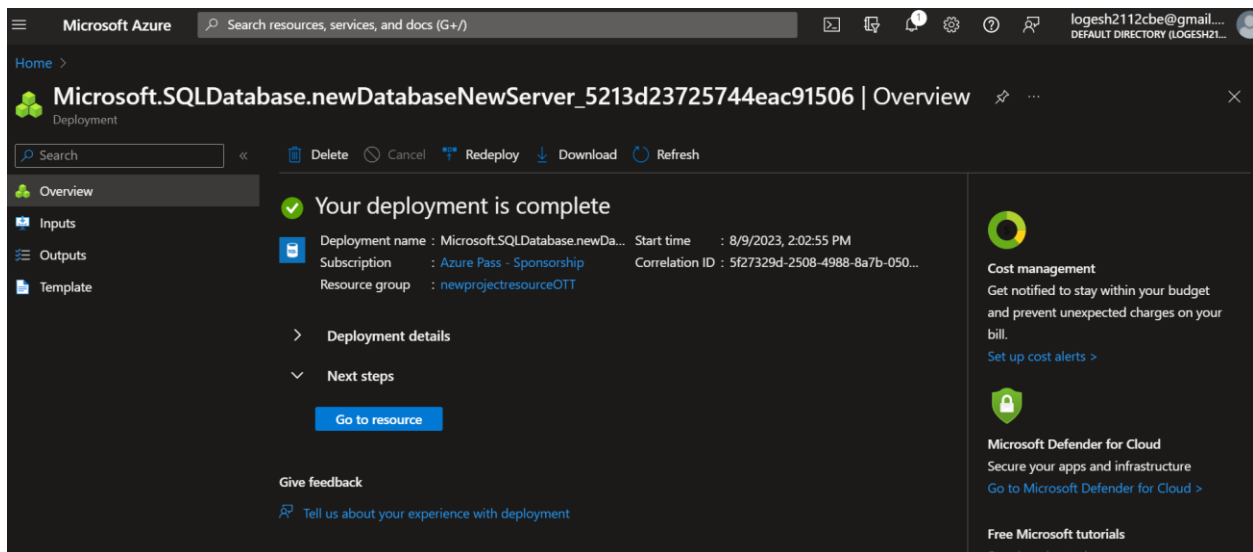
From - SQL SERVER DB

TO – ADLS

Pipeline – ADF

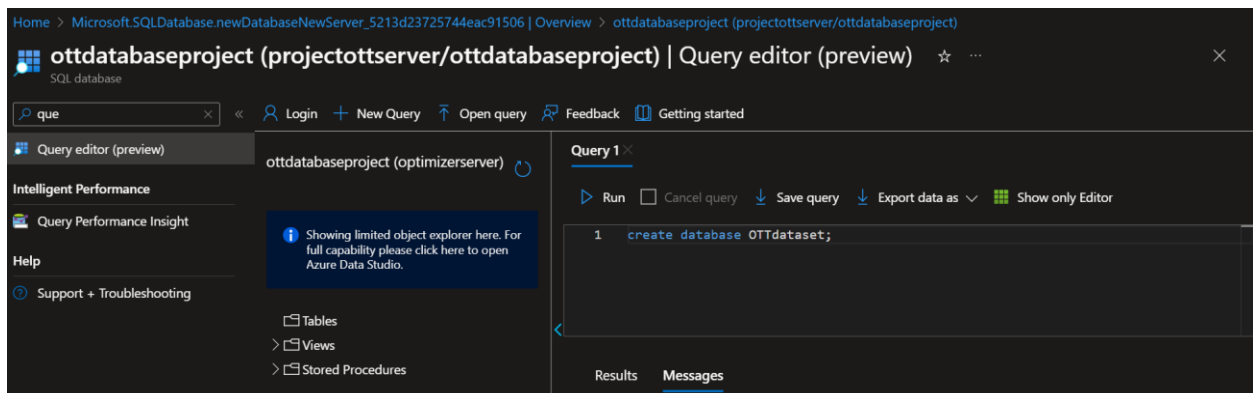
Step 1:

Let's first create Azure SQL Database with Server:



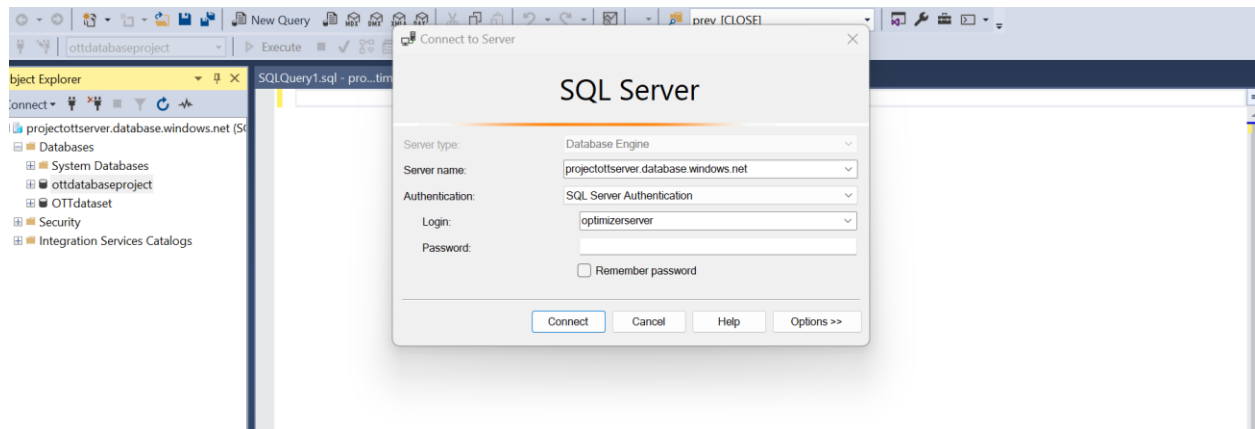
Step 2:

Launching the Azure SQL DB and Creating a Database:



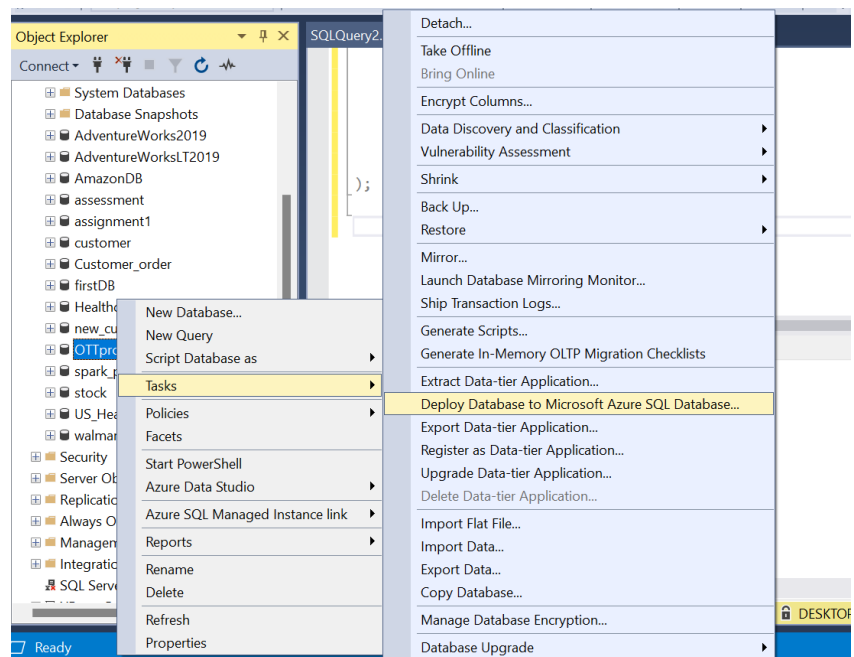
Step 3:

Let's connect to SQL database

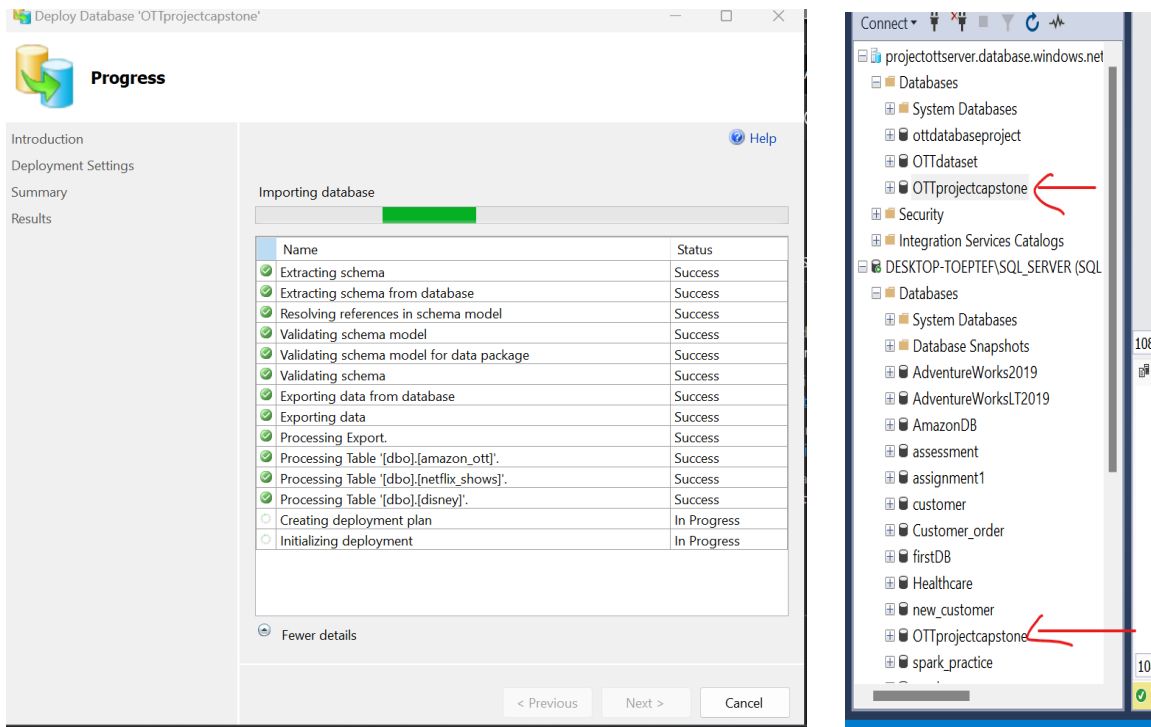


Step 4:

Let's send a particular database to Azure SQL DB

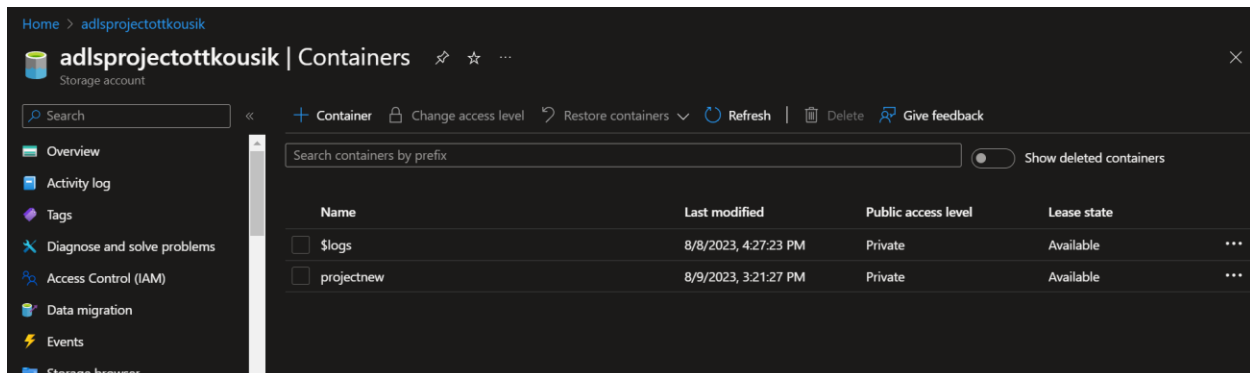


Let's Send the data to the Azure SQL DB, & in last we have received the data in the Azure DB



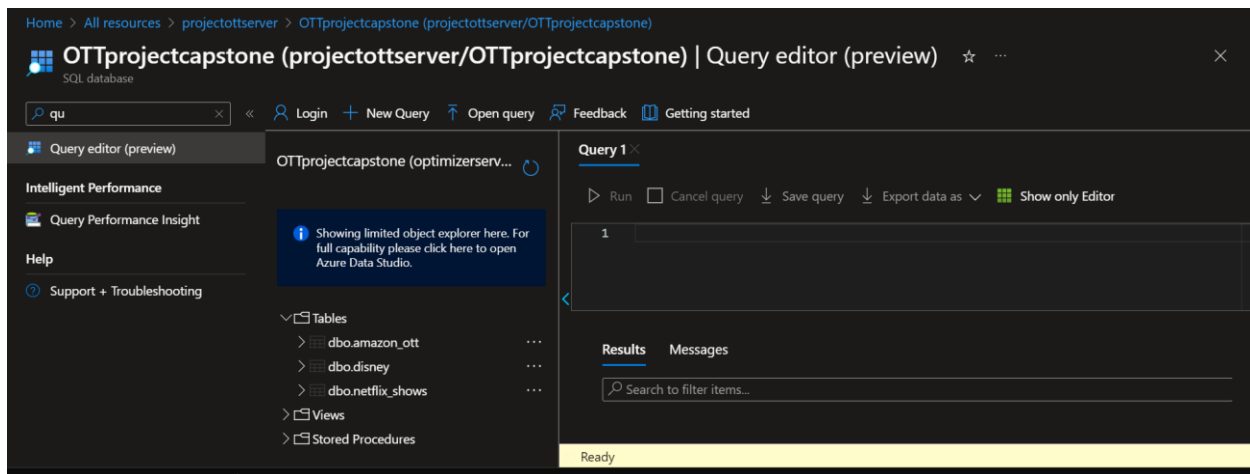
Step 5: Let's create a ADF pipeline to get the data into the ADLS from AZURE ADF

Let's first create a container in the ADLS: This is our destination



Step 6:

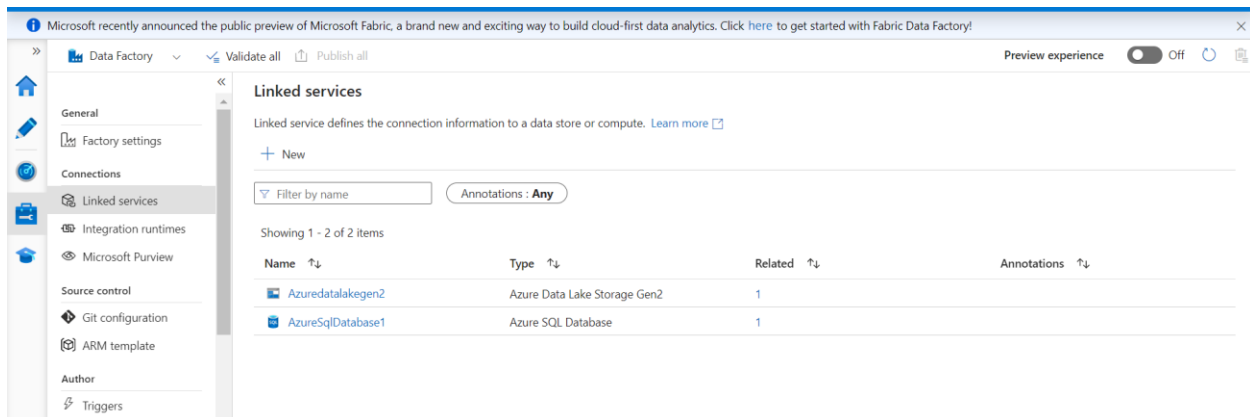
Data is in Azure SQL DB, This is our source



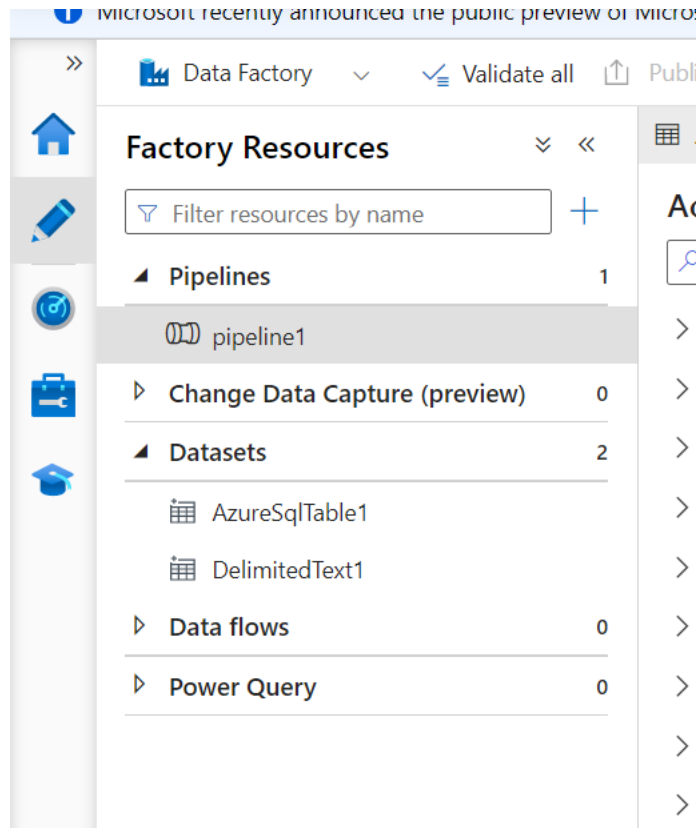
Step 7:

Creating ADF Pipeline to transfer data from Azure SQL DB to ADLS.

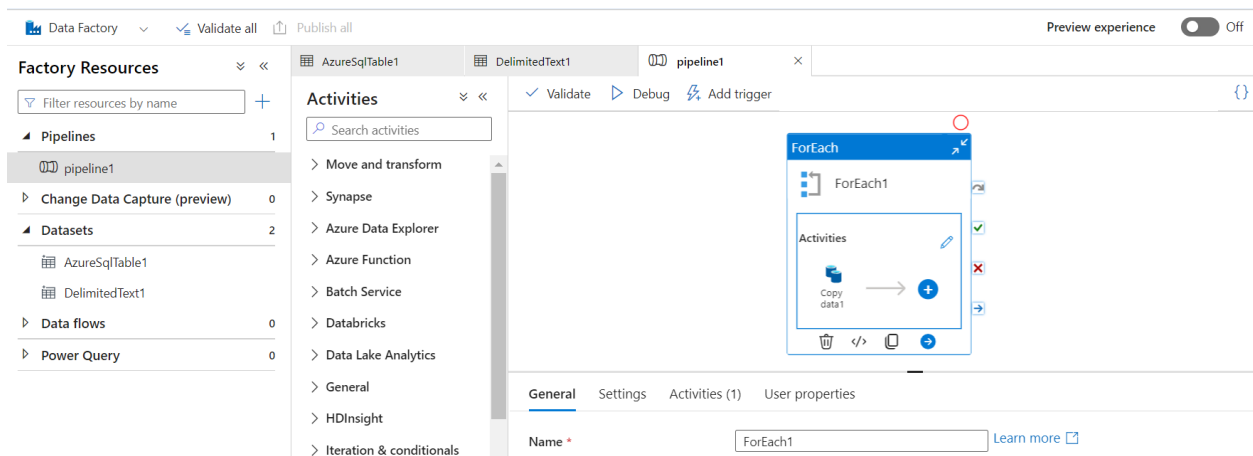
Go to Managed in ADF, create 2 linked service.



Next, go to author and create two datasets:



Next create a foreach activity:



Pipeline:

Details  Refresh




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

Activity run id: 3c99428b-602b-4337-bdbd-f94c61ac94d8





Azure SQL Database
Region: East US 2





Succeeded

Azure IR region: East US 2 



Azure Data Lake Storage Gen2
Region: East US 2

Data read:  0 byte
Rows read: 0
Peak connections:  1

Data written:  61 bytes
Files written:  1
Rows written:  0
Peak connections:  1

Copy duration 00:00:08

Throughput:  0 byte/s

▼ Azure SQL Database → Azure Data Lake Storage Gen2



How satisfied or dissatisfied are you with the performance of this copy activity?

