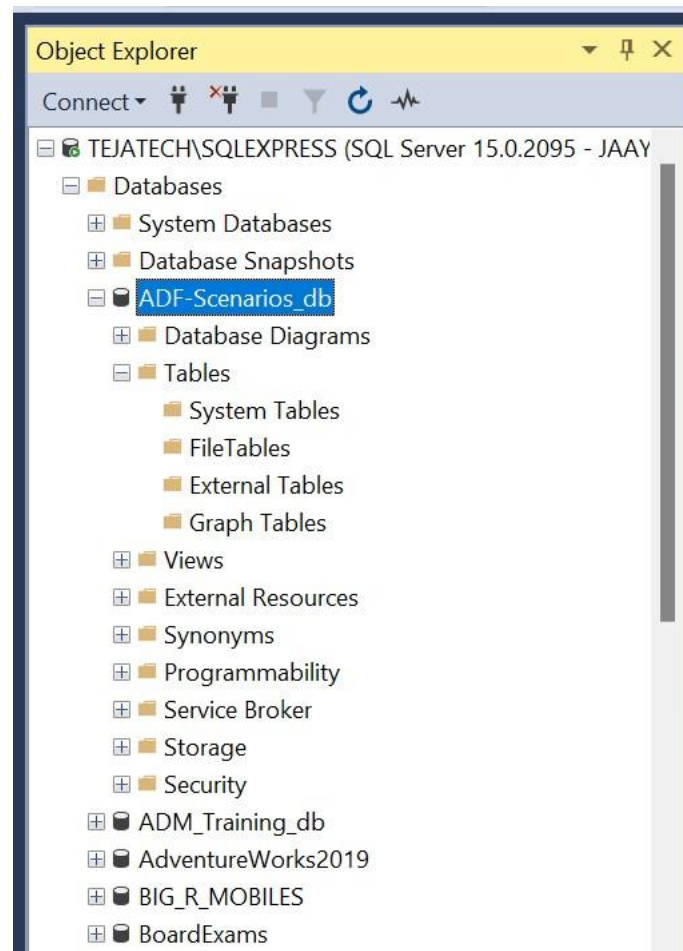# ADF-Copy Data Scenario

Problem statement:

Copy data from Azure data lake storage gen 2 to on premise MS SQL Server 2019.

Solution:

SSMS- MS SQL Data base: SQL server authentication

ADF Copy Data Pipeline - General

ADF Copy Data Pipeline -Source

ADF Copy Data Pipeline -Preview data

ADF Copy Data Pipeline -Sink

ADF Copy Data Pipeline -Mapping
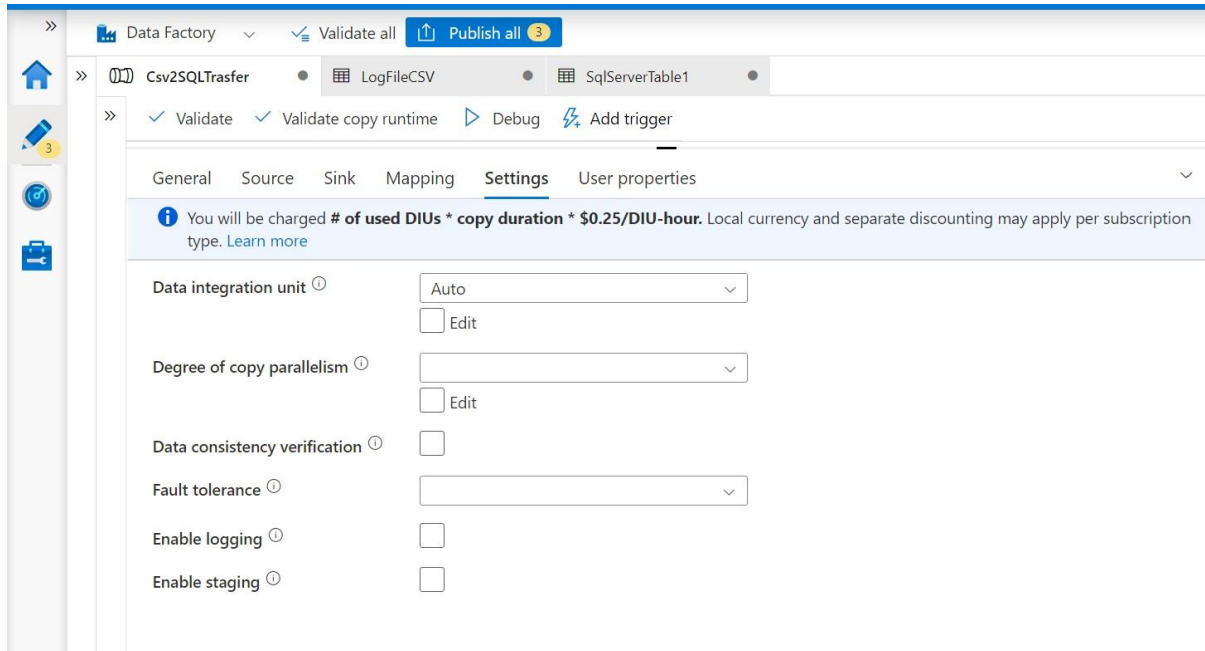
ADF Copy Data Pipeline -Settings

ADF Copy Data Pipeline-User Properties
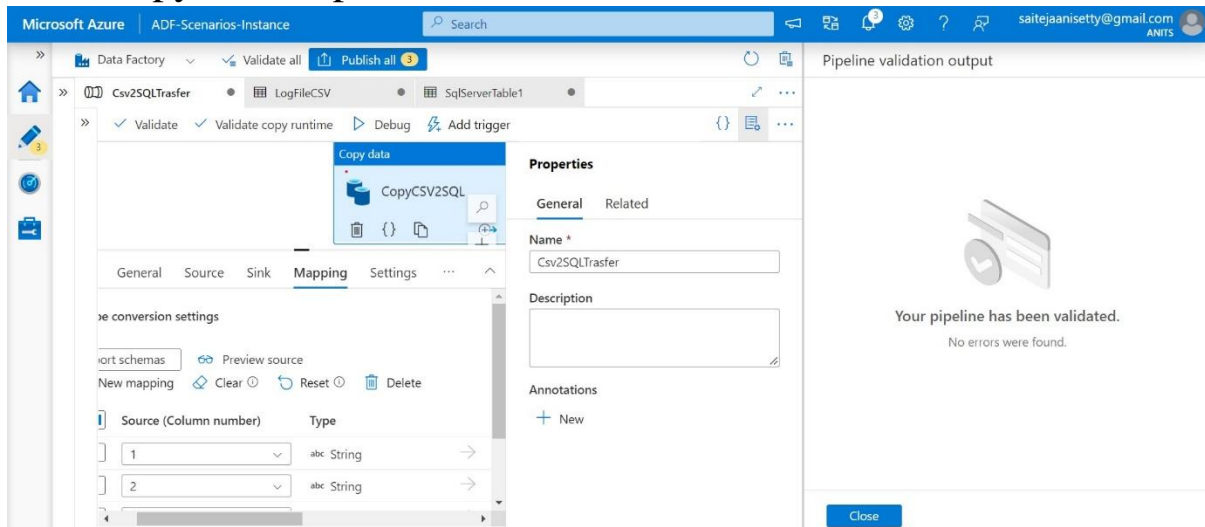
ADF Copy Data Pipeline -Validation

ADF-Factory Validation

ADF-Publishing

ADF Copy Data Pipeline-Trigger

ADF Copy Data Pipeline-Run pipeline

SSMS- MS SQL Server Table created [dbo.LogNew]
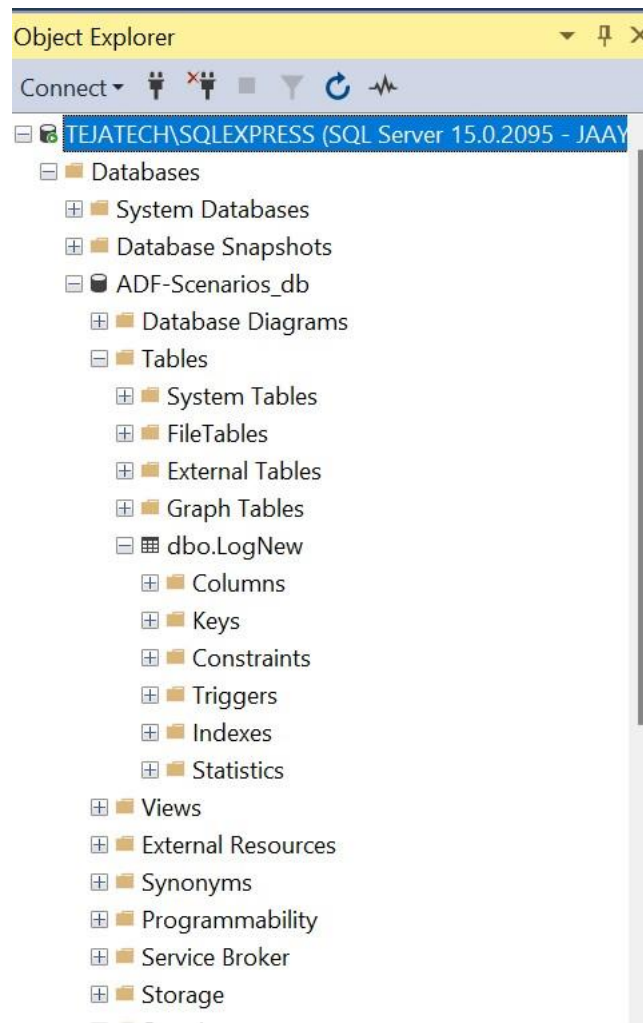
SSMS-Output Table

```
SQLQuery1.sql - TEJ...rios_db (JAAY (63))*  ⊣  ✕
      SELECT * FROM dbo.LogNew
```

100 %

⊞ Results ⊟ Messages

	EmployeeID	FIRSTNAME	OPERATION NAME	TimeStamp
1	EMPLOYEE ID	FIRST NAME	OPERATTION NAME	TIME STAMP
2	1	Rosy	List Storage Account Keys	26-06-2021 14:24
3	2	Mary	Delete SqlPools	25-06-2021 14:22
4	3	Jack	Pause SQL Analytics pools.	25-06-2021 14:22
5	4	Raees	Pause SQL Analytics pools.	23-06-2021 07:23
6	5	Ruby	List Storage Account Keys	20-06-2021 07:23
7	6	Romeo	Pause a Datawarehouse database.	19-06-2021 07:23
8	7	Mathew	Create Pipeline Run	17-06-2021 07:23
9	8	Mark	Create Pipeline Run	15-06-2021 14:22
10	9	Merlin	Create or Update any Pipeline.	13-06-2021 07:23
11	10	David	Create or Update any Pipeline.	12-06-2021 07:23
12	11	William	Validate Deployment	10-06-2021 07:23
13	12	Mitchel	Update SQL server firewall rules	06-06-2021 07:23
14	13	Mike	'auditIfNotExists' Policy action.	04-06-2021 07:23
15	14	Rachie	'auditIfNotExists' Policy action.	02-06-2021 07:23
16	15	Shane	Resume a Datawarehouse datab...	01-06-2021 07:23
17	NULL	NULL	NULL	NULL