SCENARIO 3: Copy Blob Storage Data to MySQL using ADF

🔷 Objective:

- Move CSV file contents from Blob Storage to MySQL Products table using Azure Data Factory.

💡 Architecture:

Azure Blob (sample.csv)

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Azure Data Factory Pipeline

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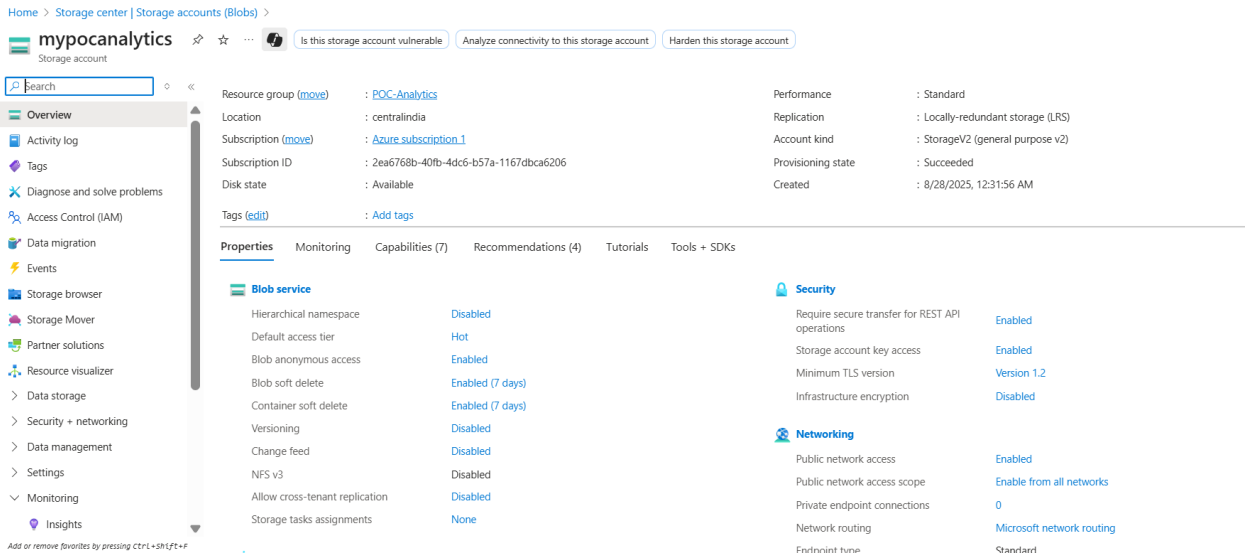
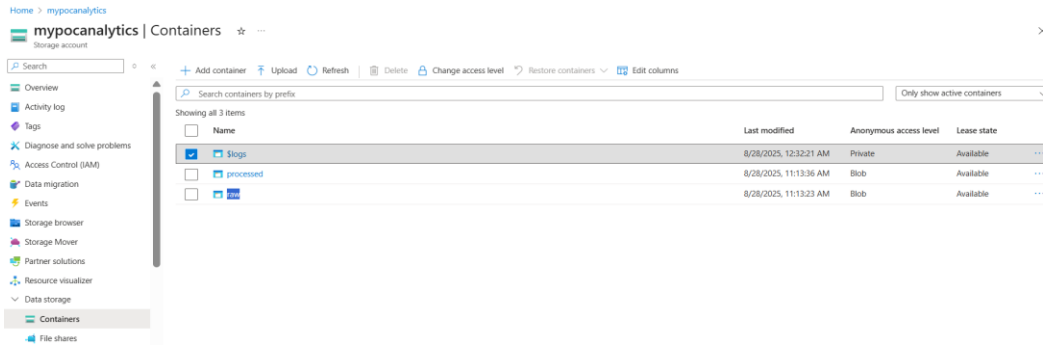
Azure SQL/MySQL Table (Products)

🛠️ Steps:

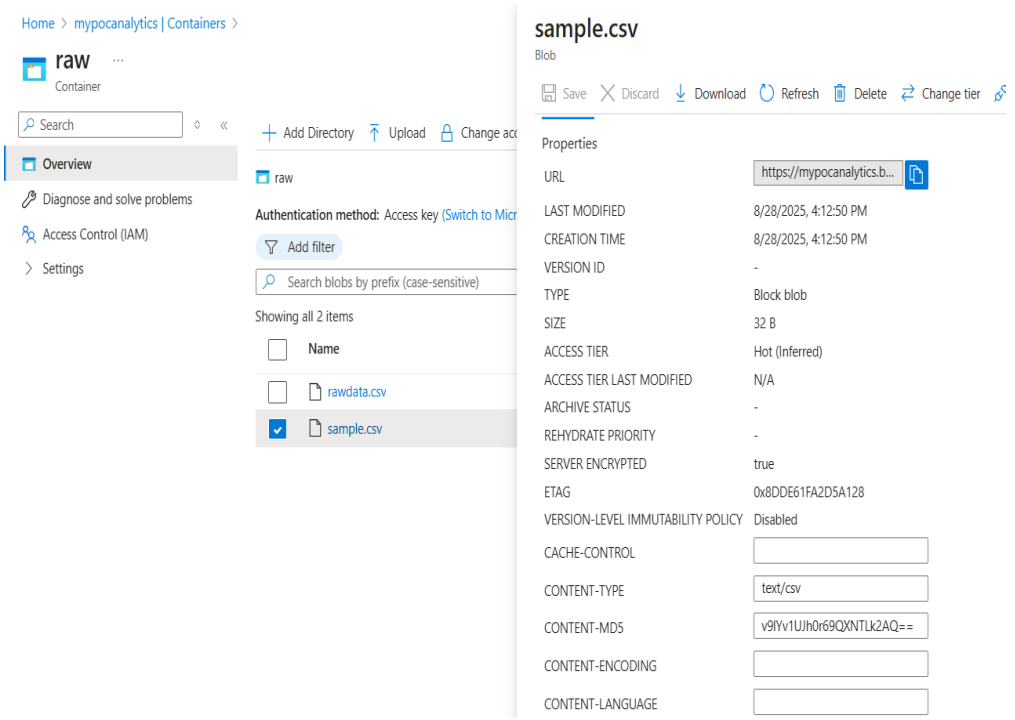
1. **Blob Storage Setup**
    - Create a **Storage Account** in Azure



    - Create a **Container** named raw



- Upload sample.csv

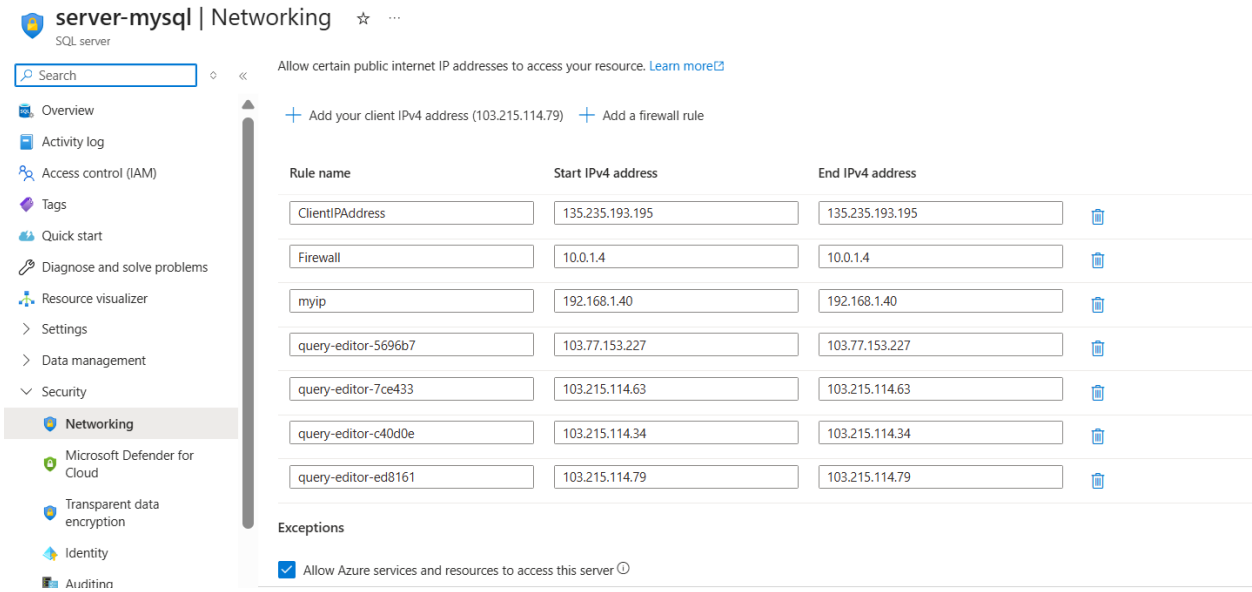


- Contents of Sample.csv

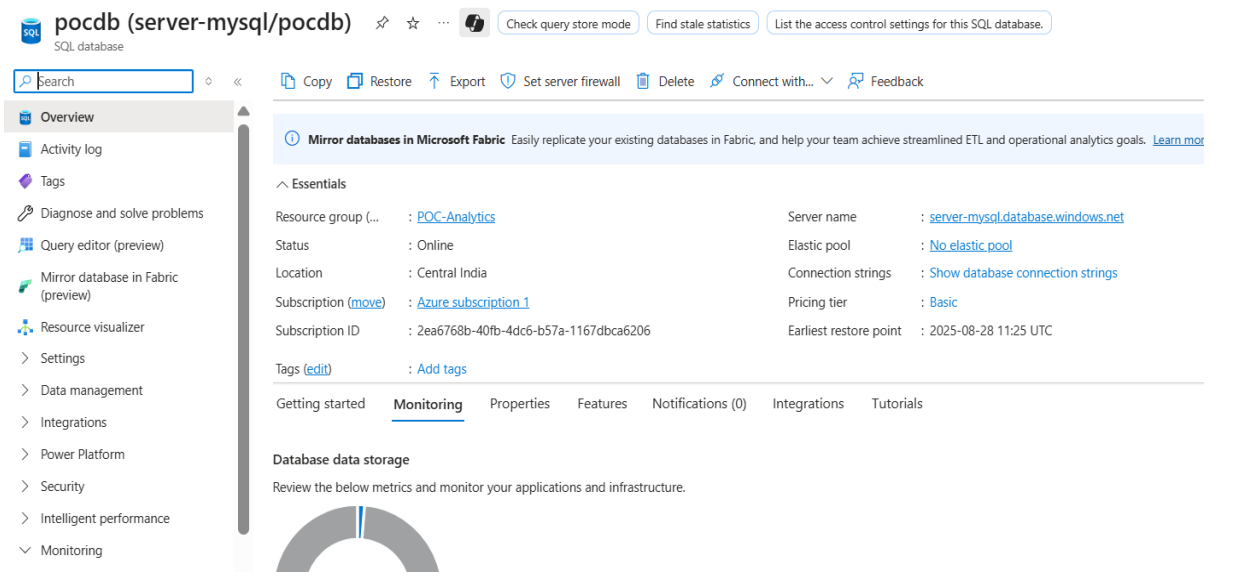
A	B	C
ID	Name	Price
3	laptop	60000

2. **Azure SQL/MySQL Setup**

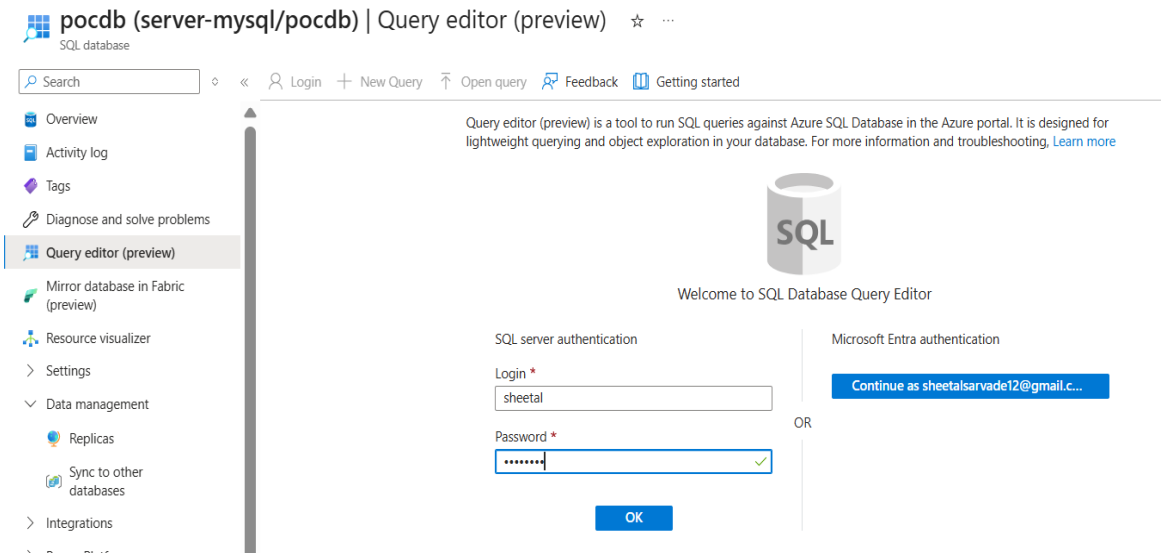
- **Create SQL Server and Allow Required Firewall settings**



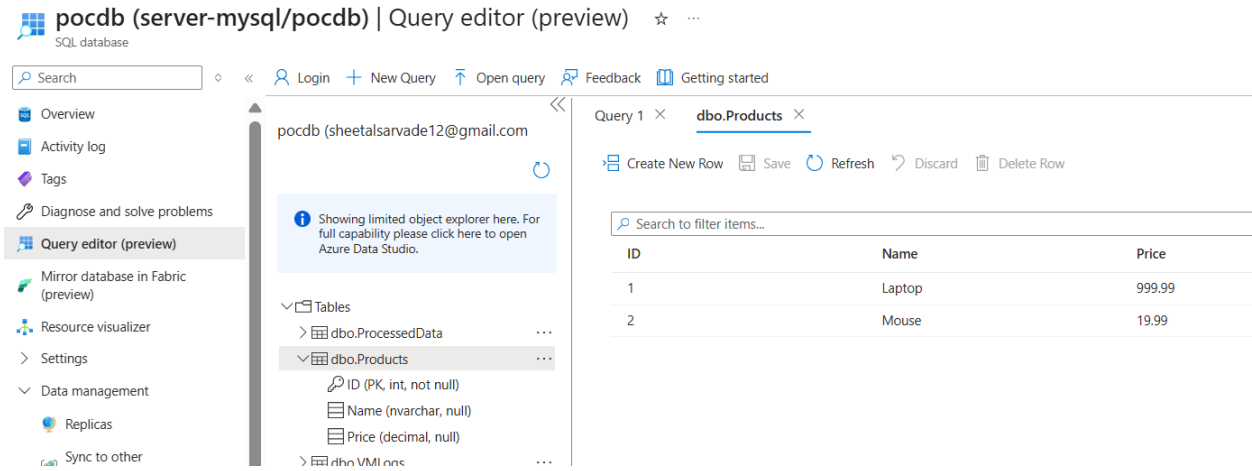
- **Create SQL Database – pocdb**



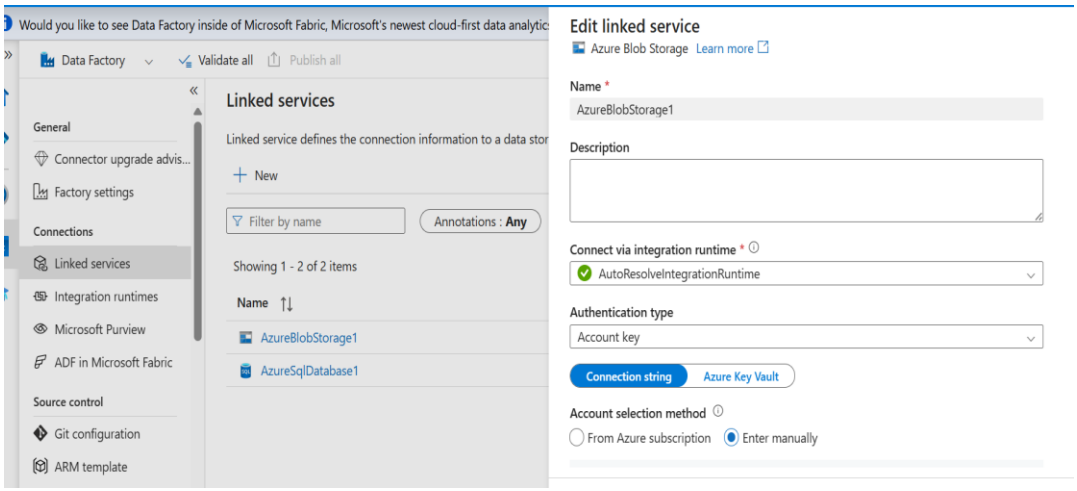
- **Login to SQL Database – pocdb**



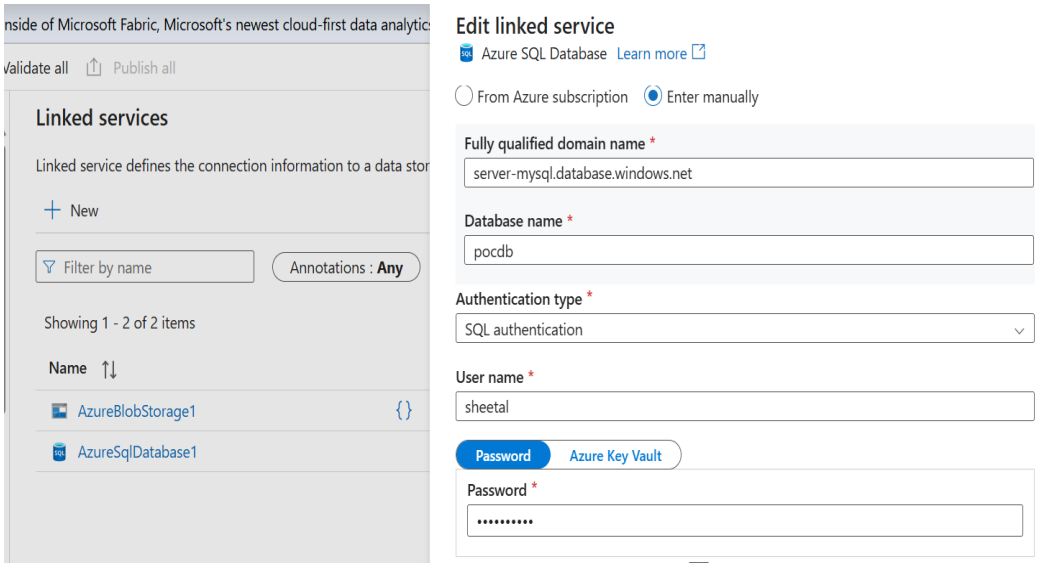
- **Create Table named Products**



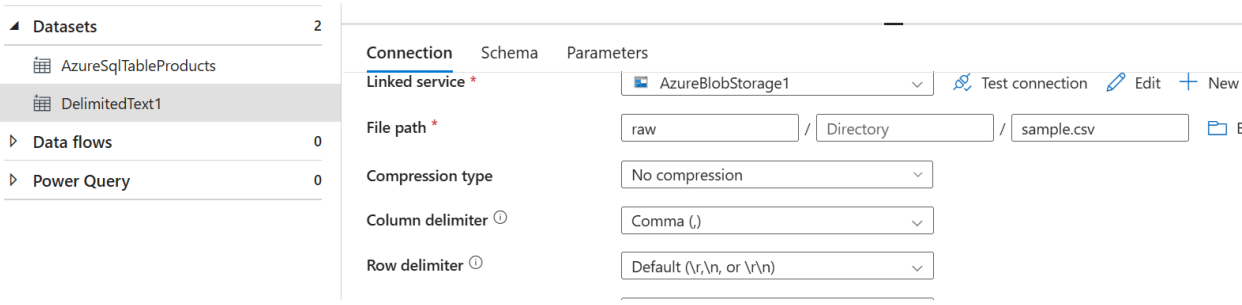
3. **Azure Data Factory**
   - Create linked services:
     - Azure Blob Storage



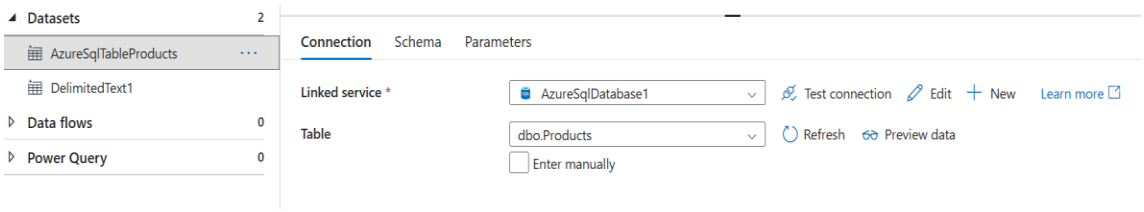
- Azure SQL/MySQL



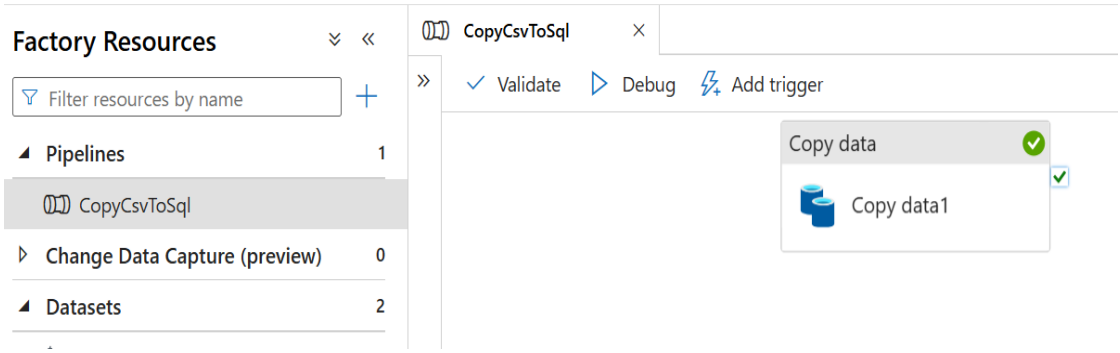
- **Create dataset for source (sample.csv)**



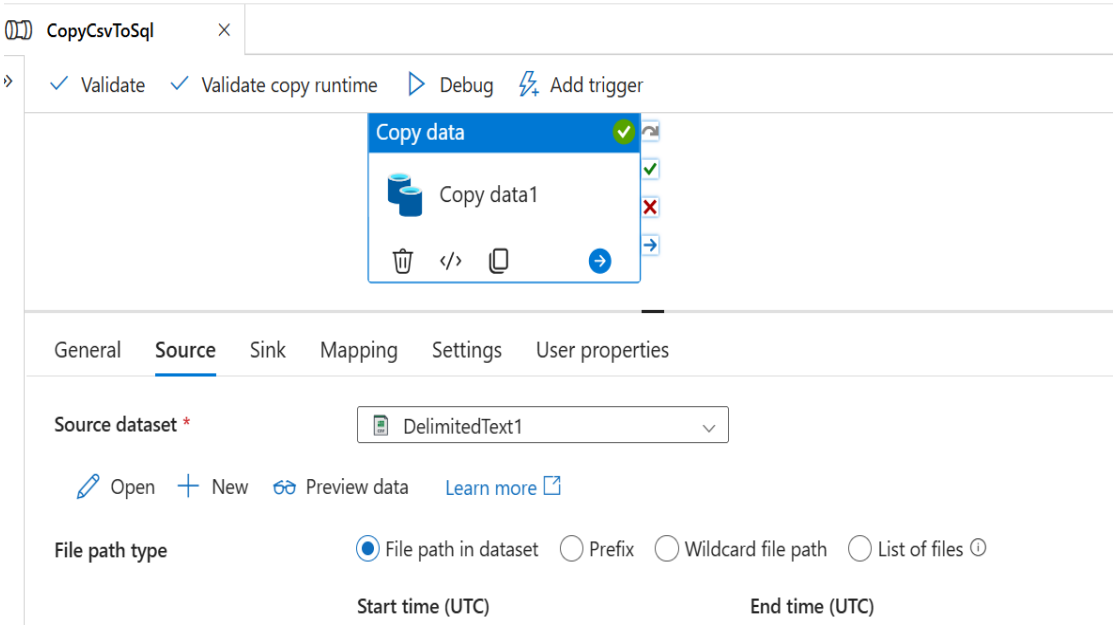
- Create dataset for sink (MySQL table)

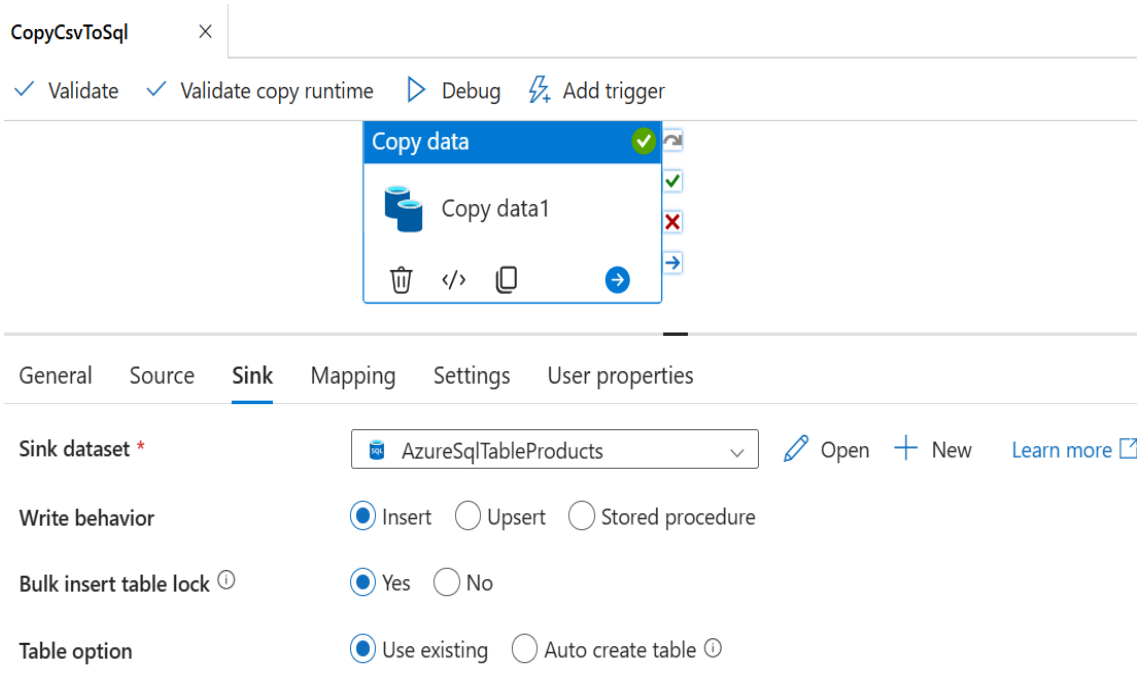


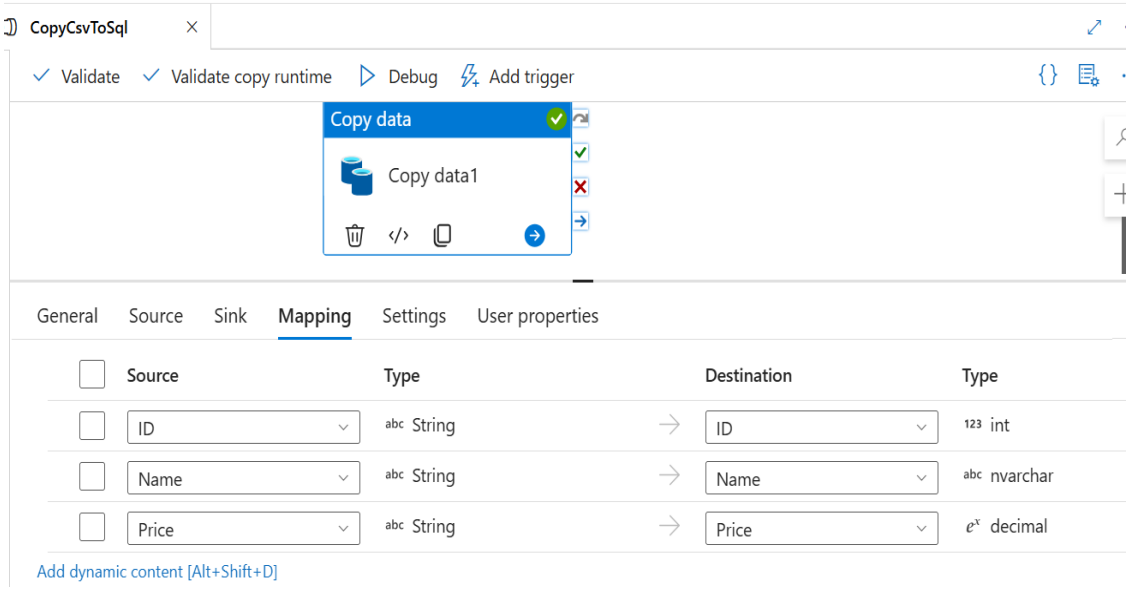
- Build and trigger a **Copy Data pipeline**
- **Create Pipeline**



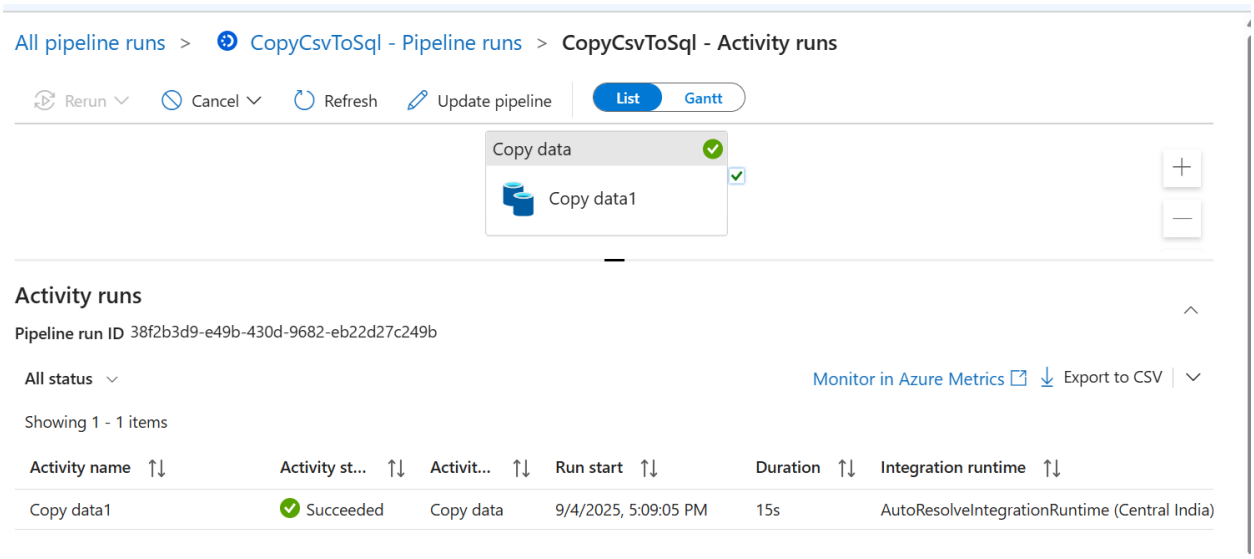
- Configure Pipeline – Source , Sink , Mapping



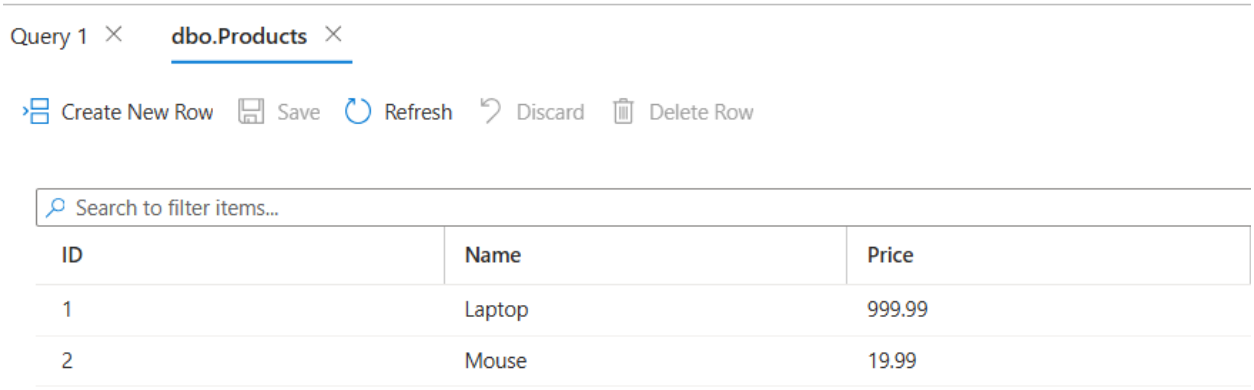




Run the Pipeline



Before pipeline Execution



After Pipeline Execution

Query 1 | dbo.Products

Create New Row | Save | Refresh | Discard | Delete Row

Search to filter items...

ID	Name	Price
1	Laptop	999.99
2	Mouse	19.99
3	laptop	60000.00