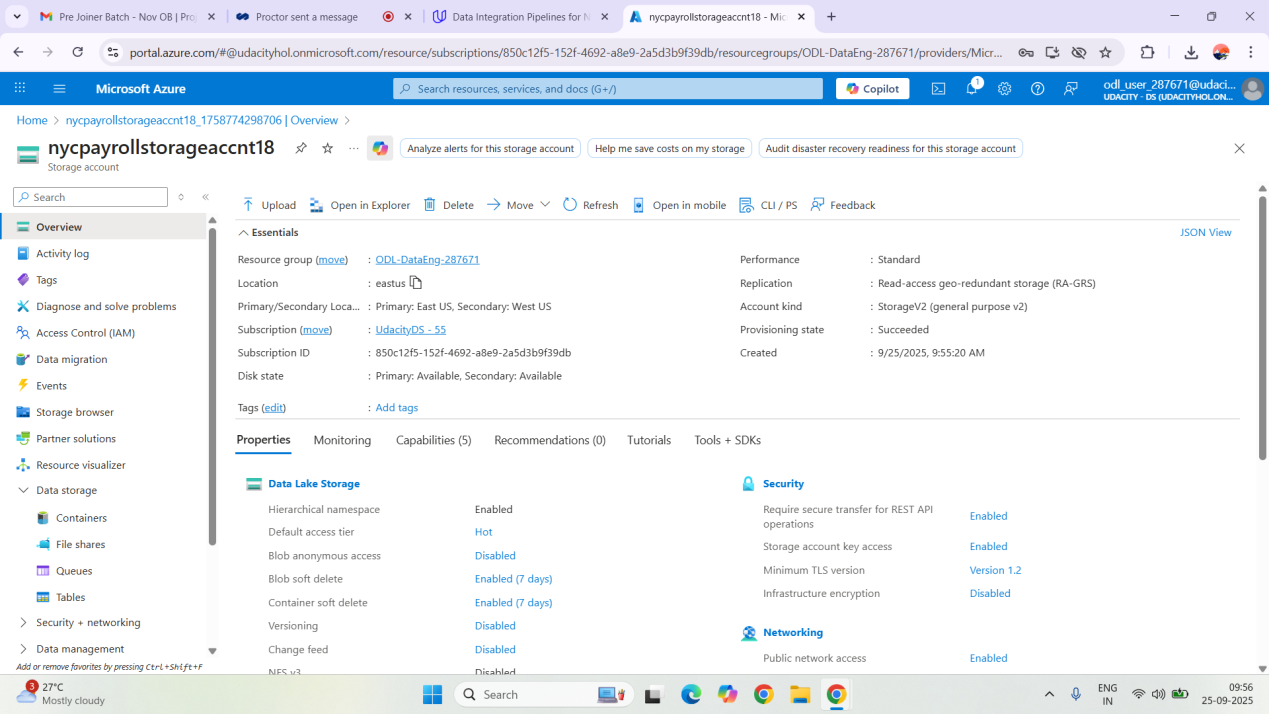
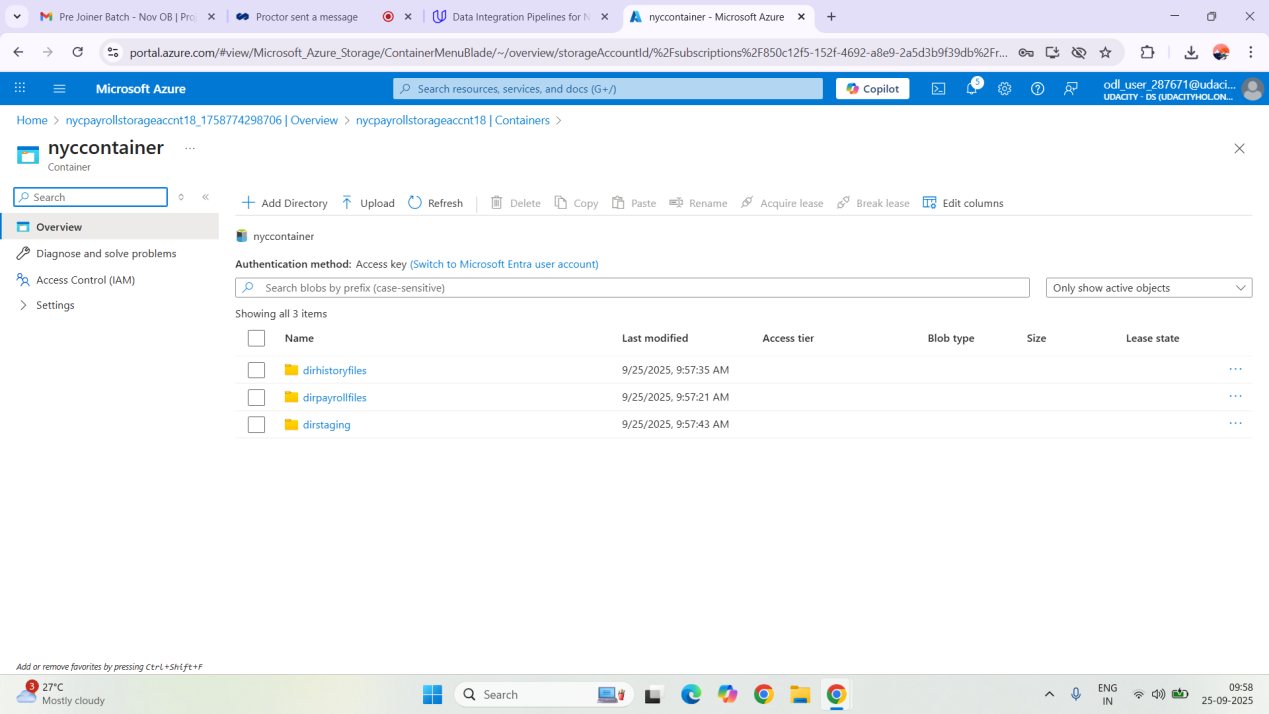
### Step 1: Prepare the Data Infrastructure

1. **Create the data lake and upload data**

****

# Containers:Screenshot (58).png

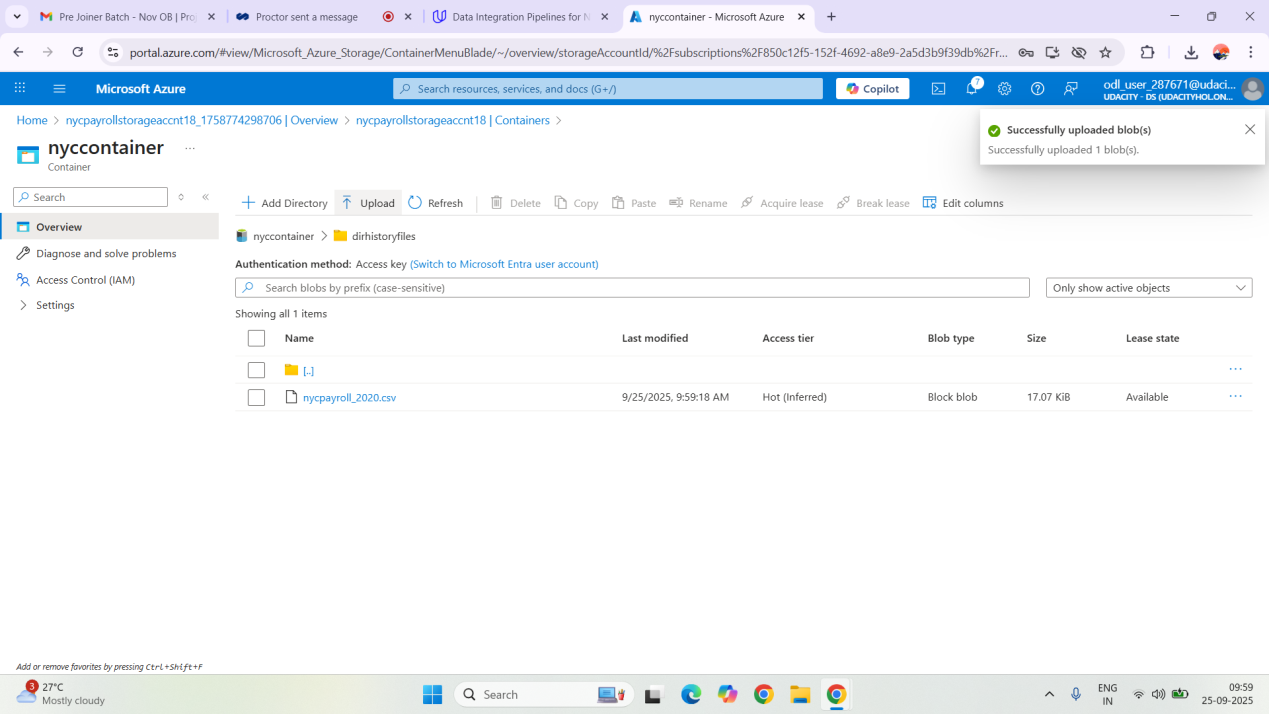
**Directory:**

****

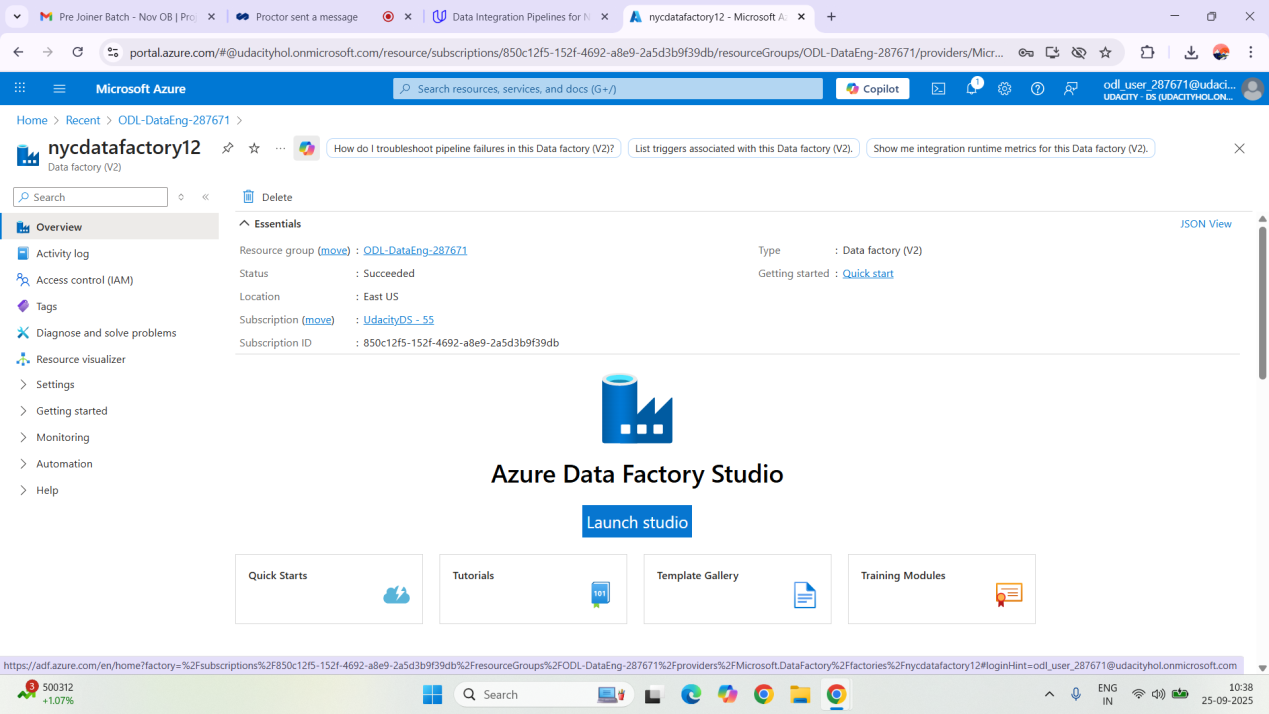
* **Dirpayrollfiles:**



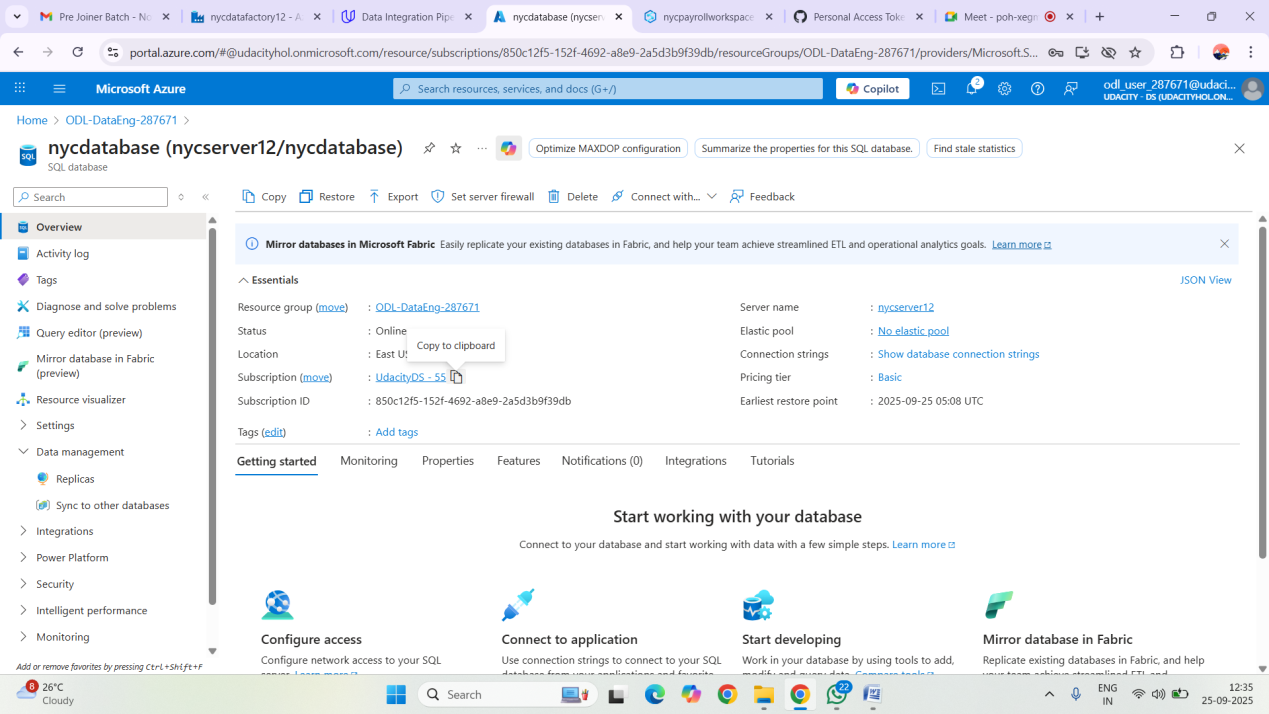
* **Dirhistoryfiles:**



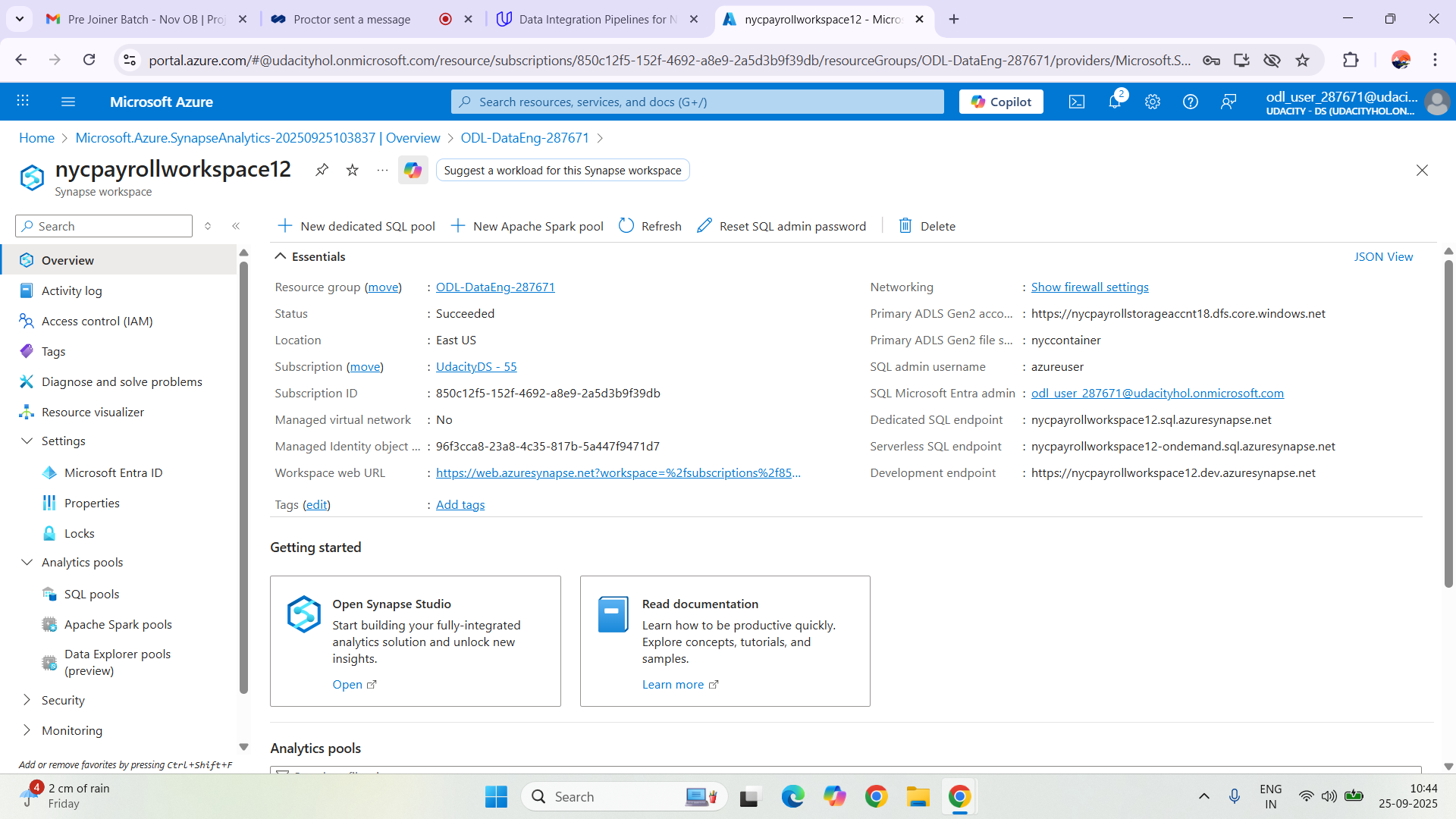
1. **Create an Azure Data Factory Resource**

****

1. **Create a SQL Database**

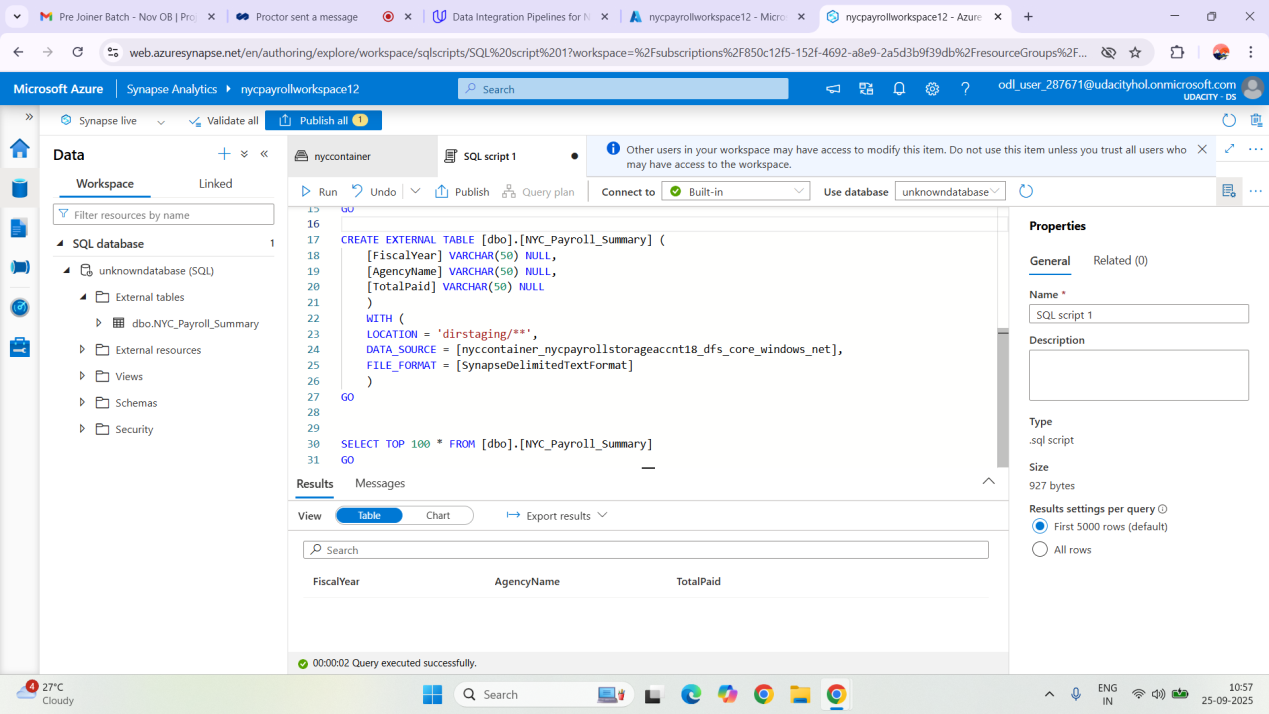
****

1. **Create a Synapse Analytics workspace**

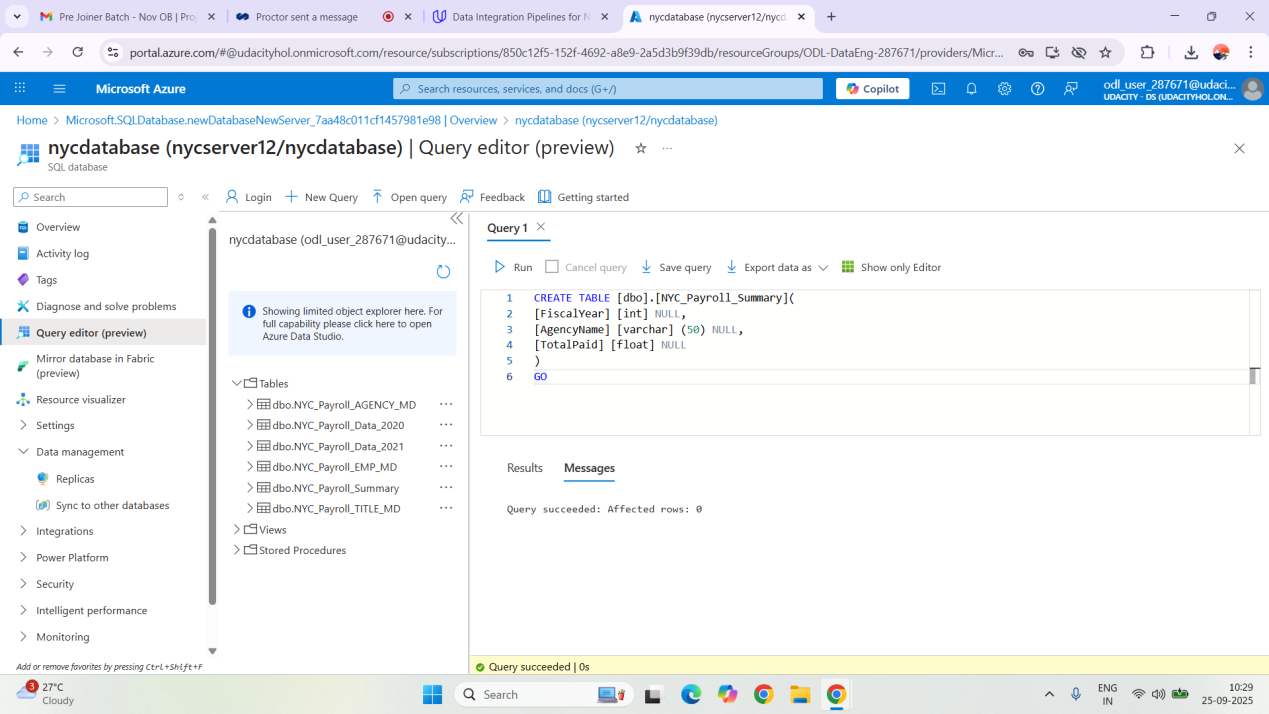
****

1. **Create summary data external table in Synapse Analytics workspace**

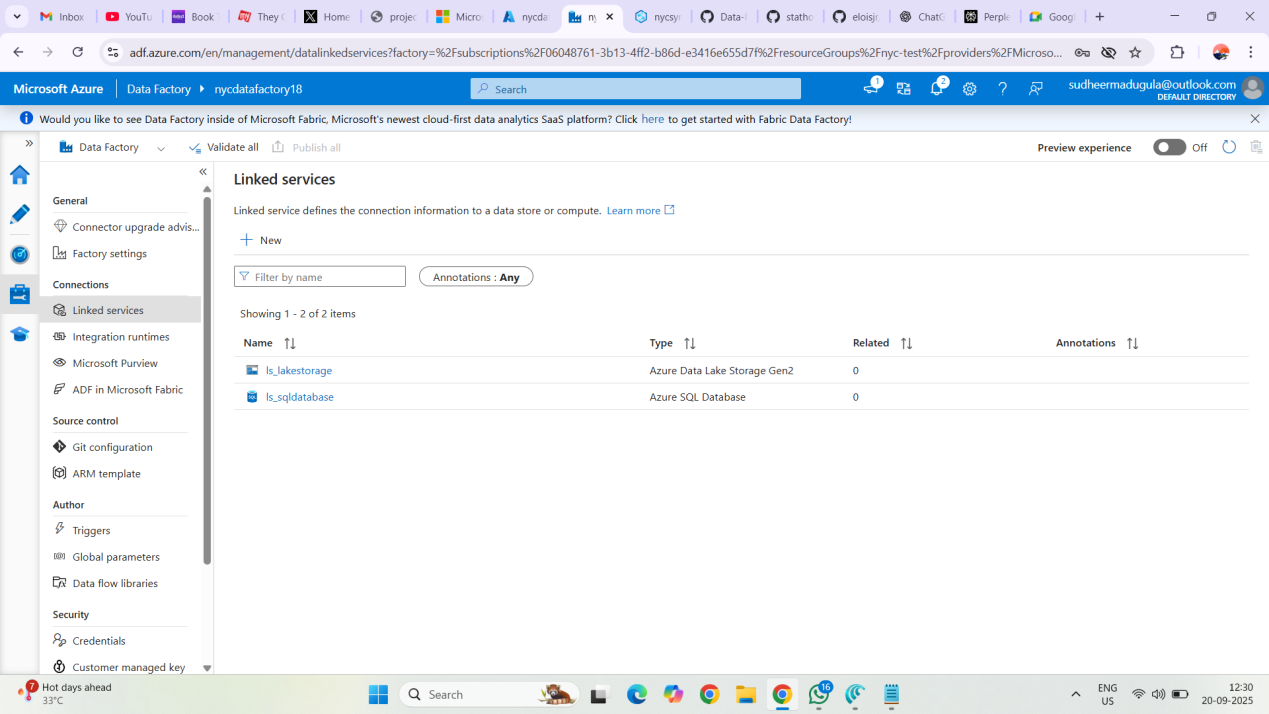
External table created in Synapse



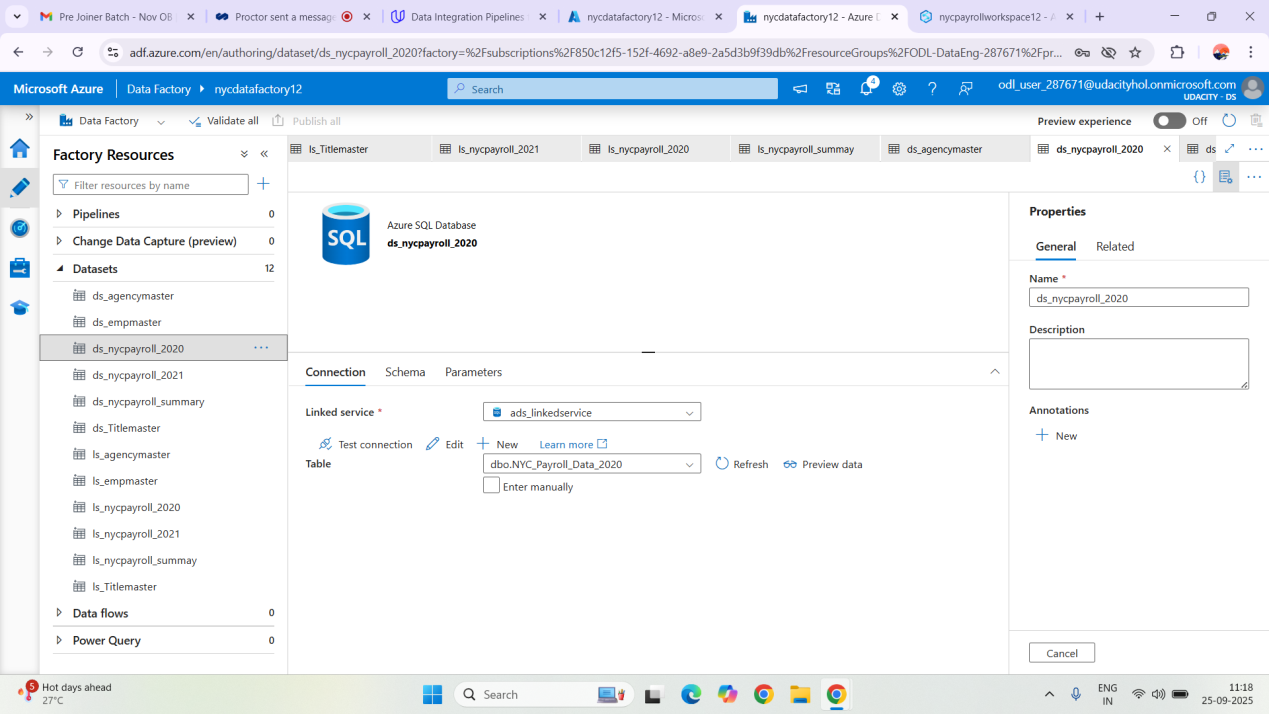
**6. Create master data tables and payroll transaction tables in SQL DB**

****

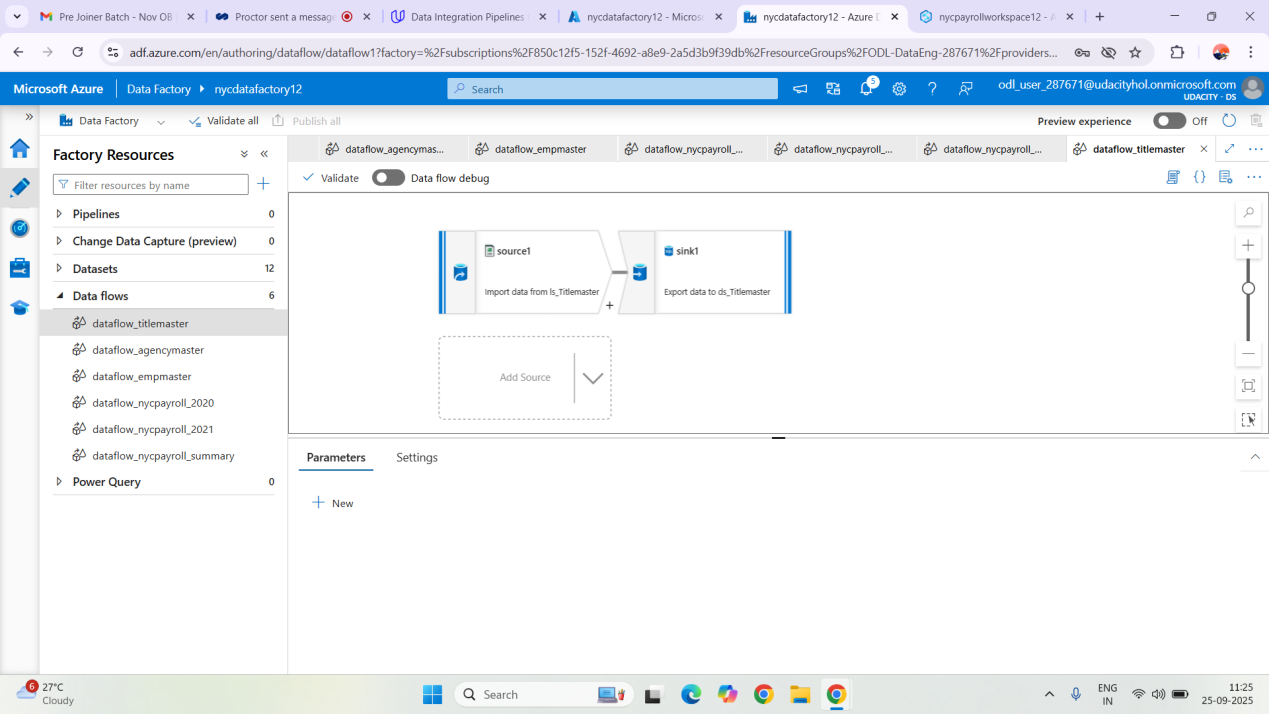
### Step 2: Create Linked Services



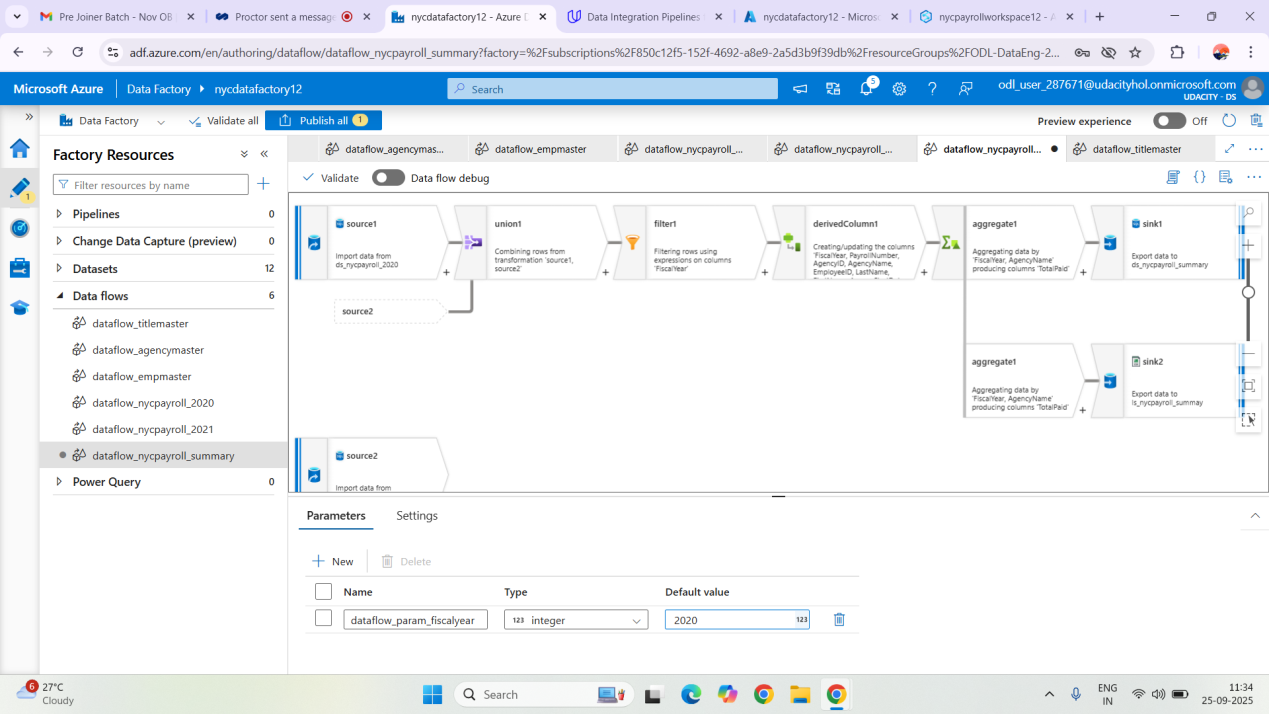
### Step 3: Create Datasets in Azure Data Factory



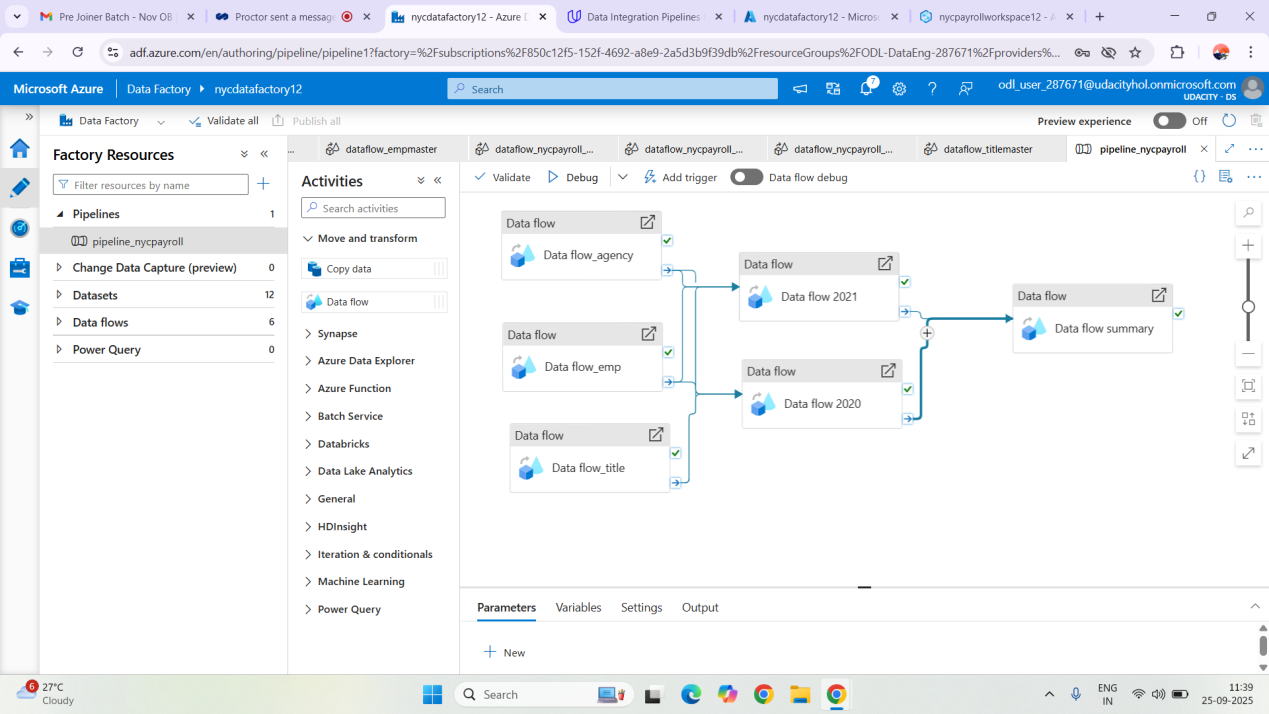
### 4: Create Data Flows

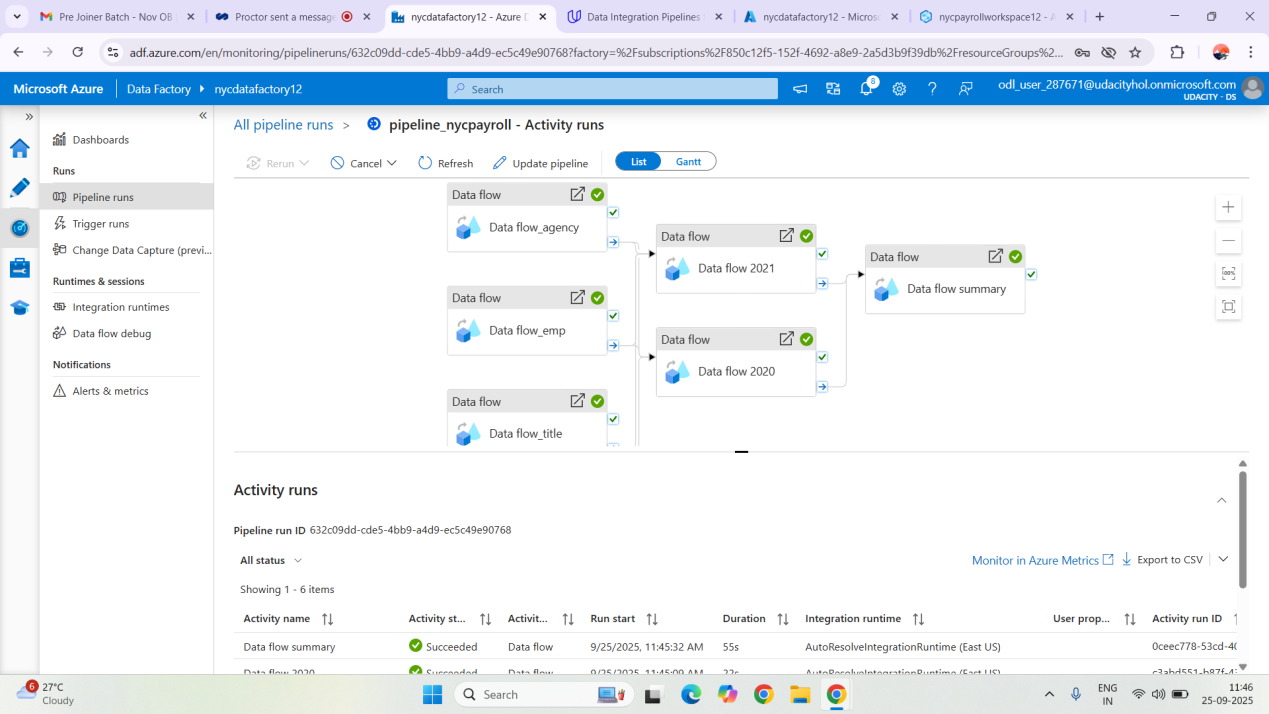


### Step 5: Data Aggregation and Parameterization

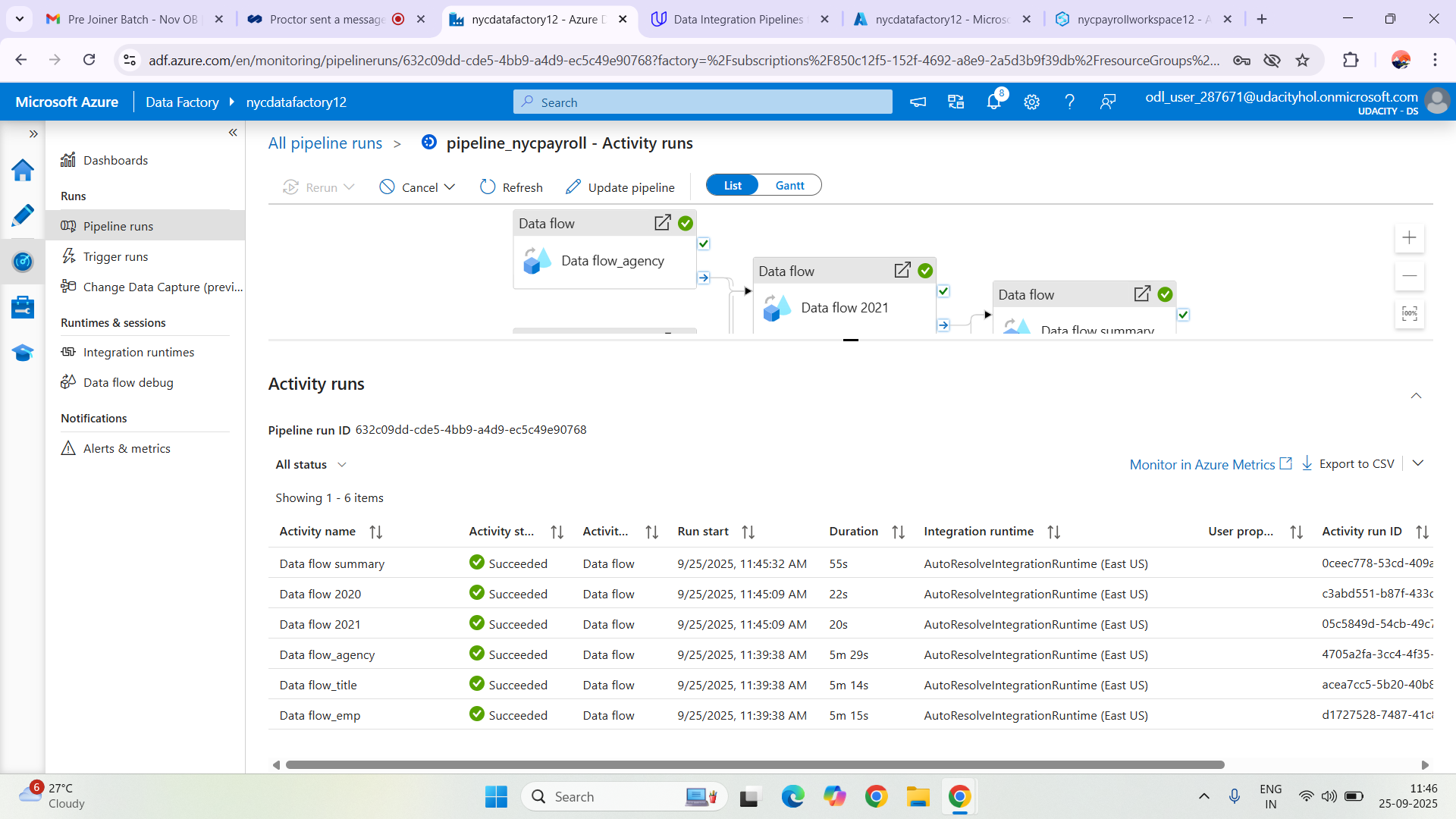


### Step 6: Pipeline Creation

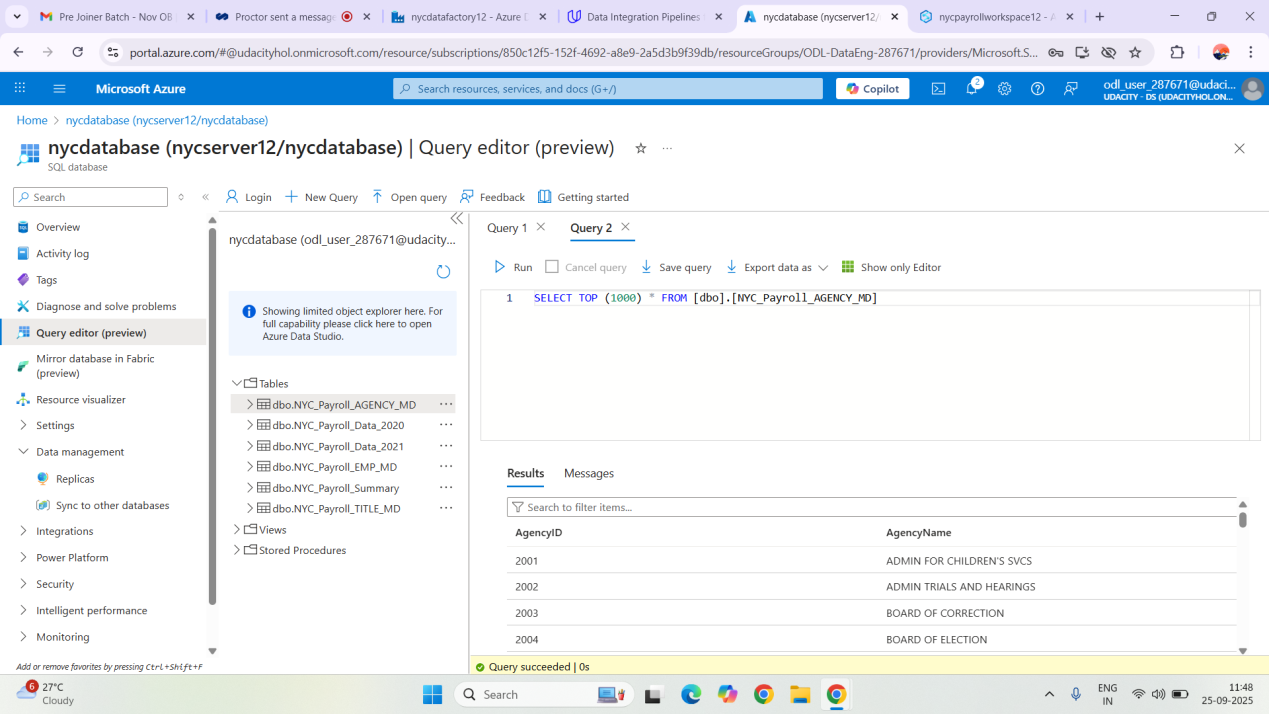




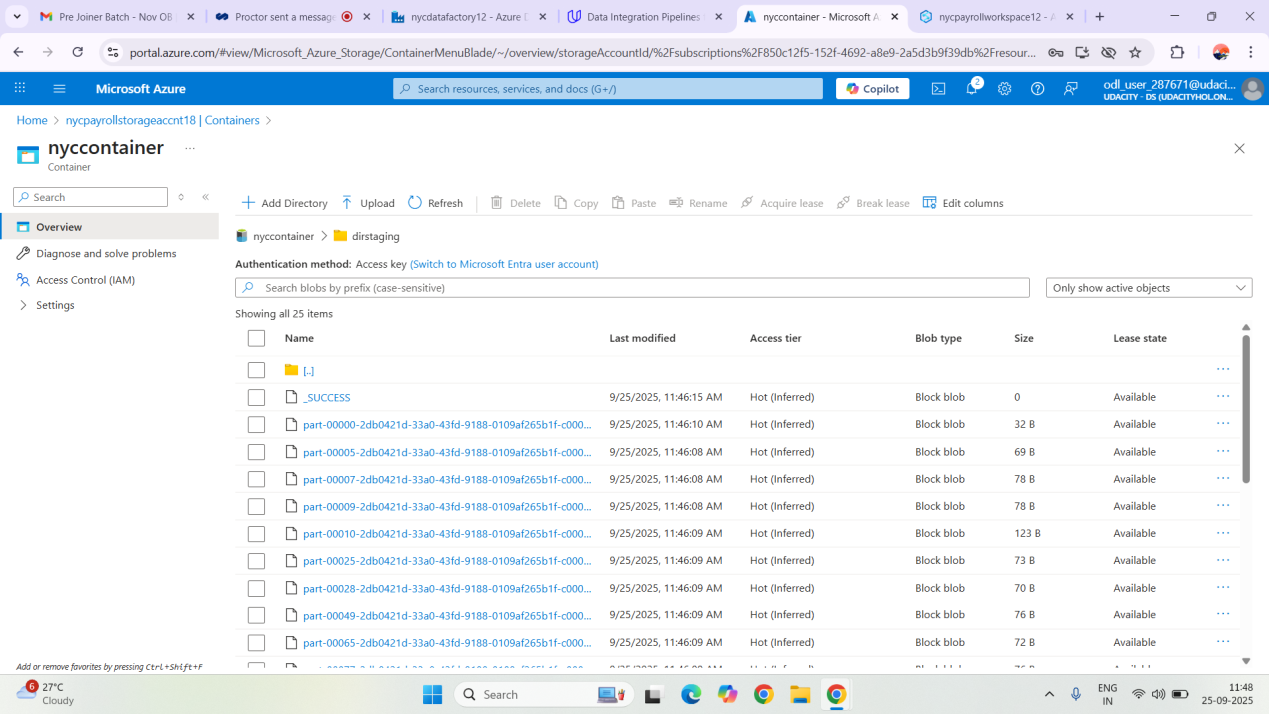
**Pipeline Running successfully without Errors:**



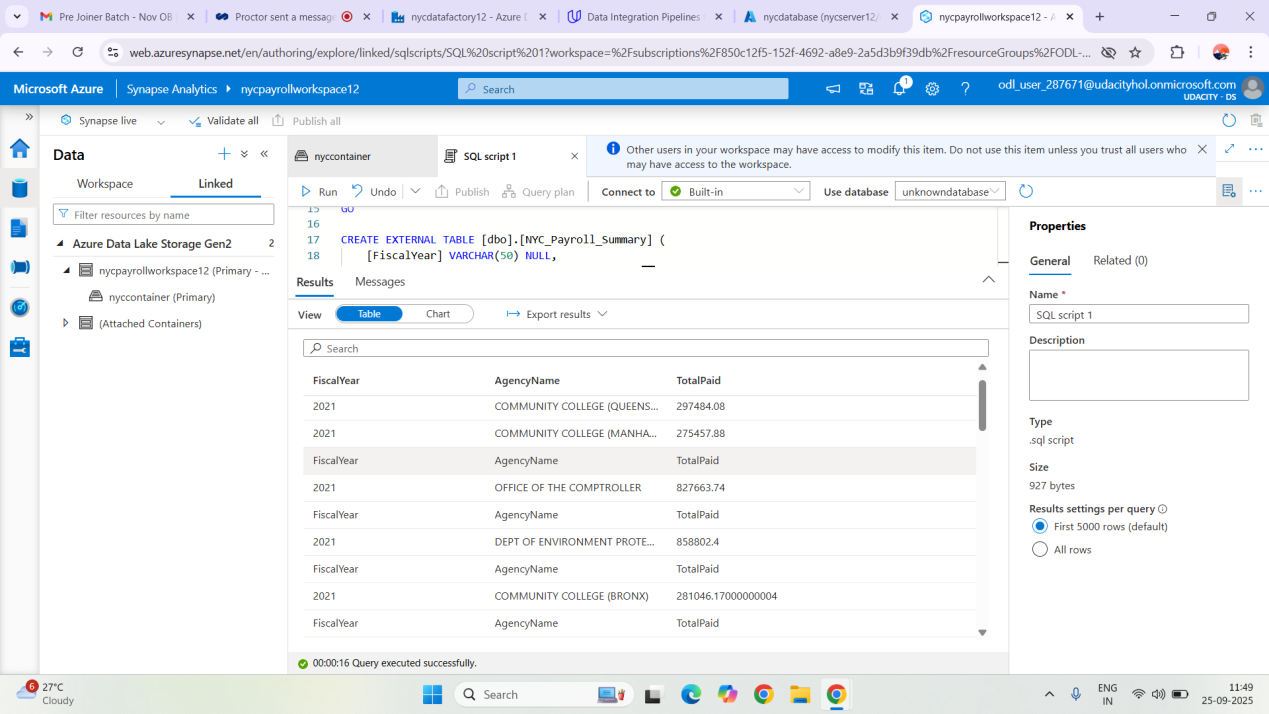
**Capture screenshot of query from SQL DB summary table**



**dirstaging directory listing in Datalake**



**Synapse Summary External Table:**

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