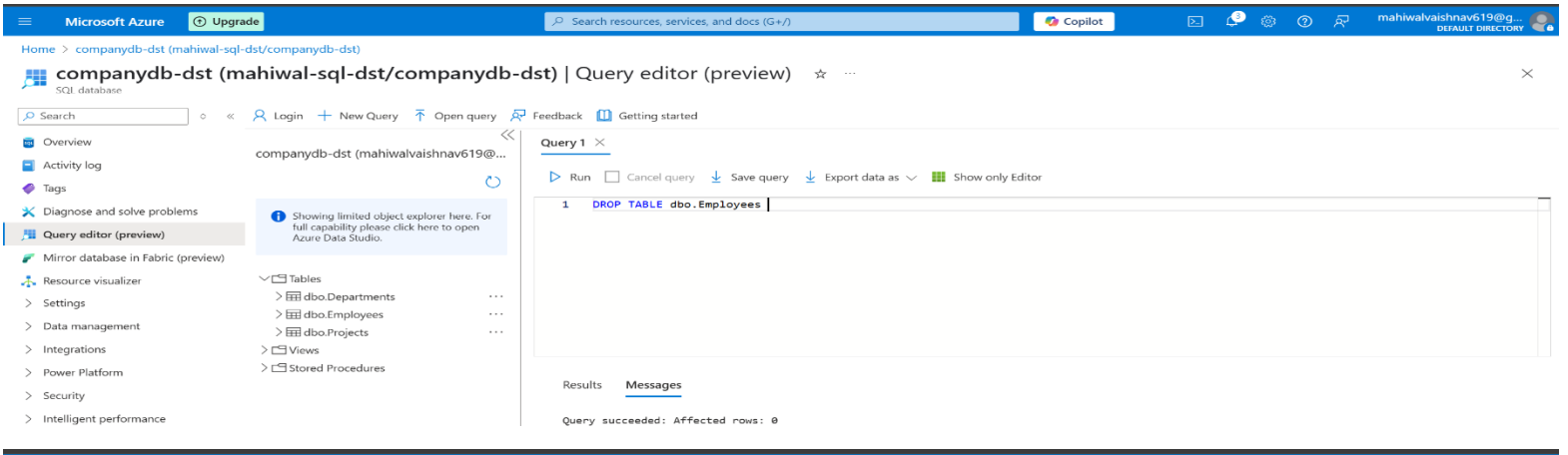
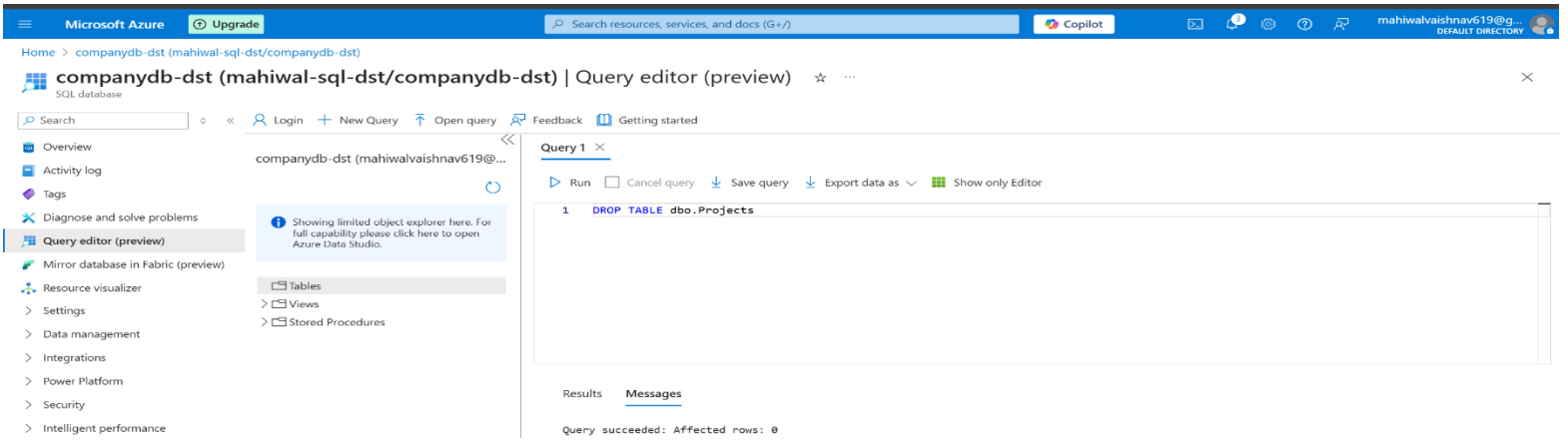
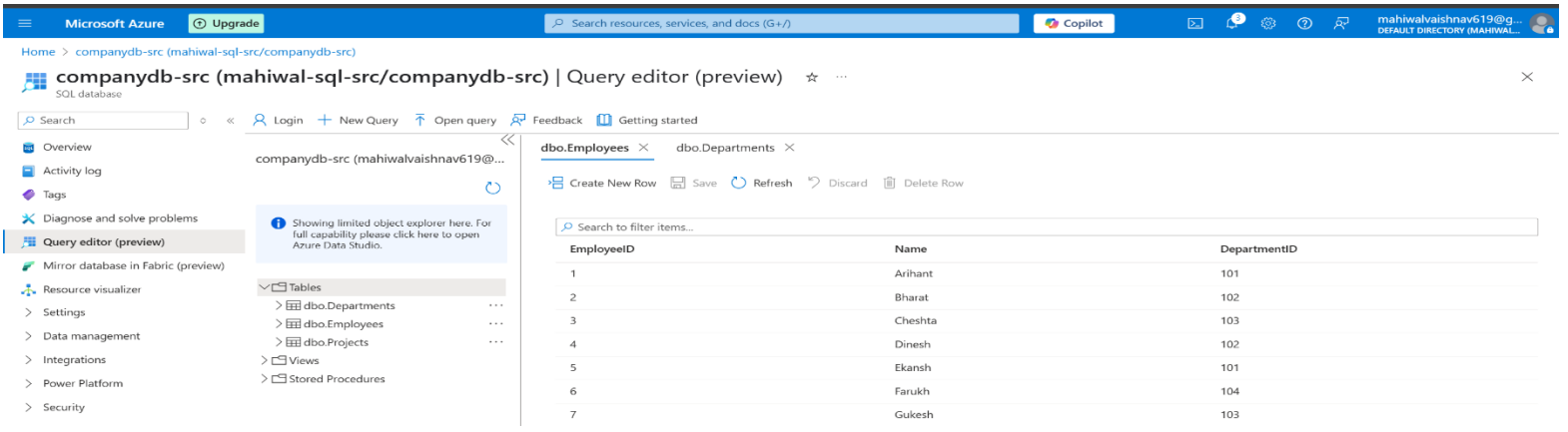
Copy Selective Tables with Selective Columns from One Database to Another

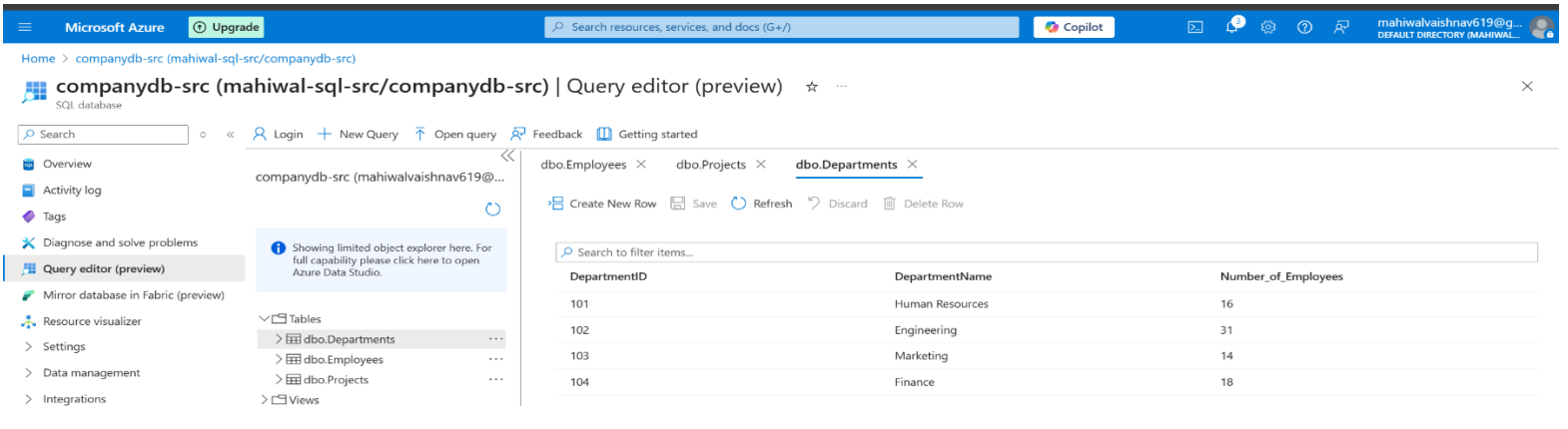
- Firstly, Lets drop all our tables from destination database which we used in previous task(task3):





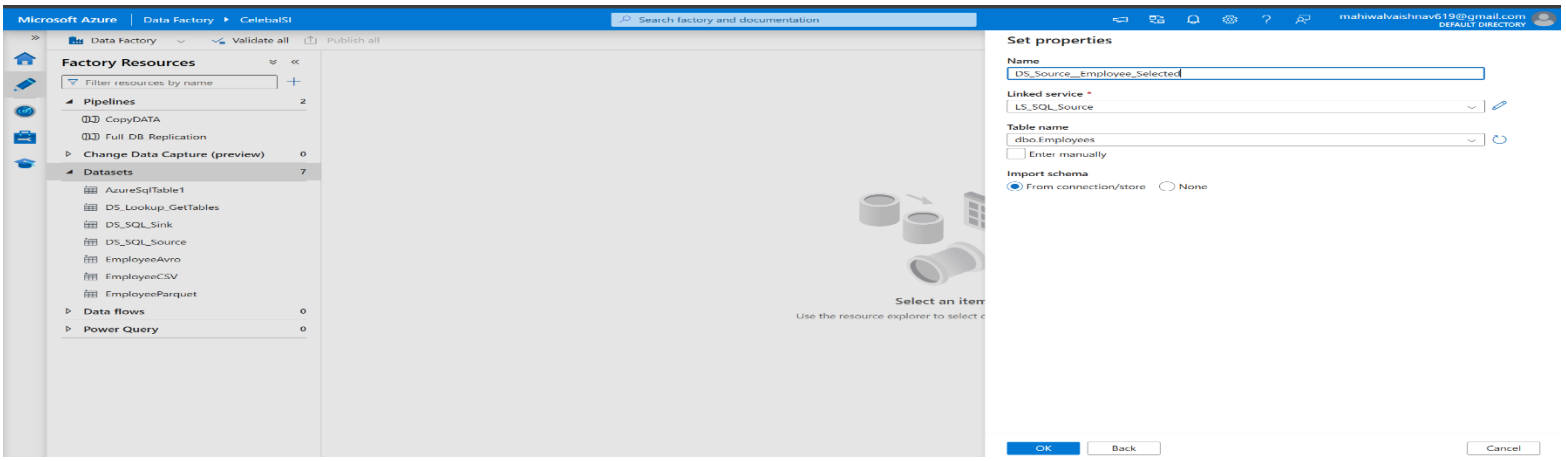
- As we can see in our source dataset, We will copy following columns from following tables:
  1.) "EmployeeID" and "Name" from Table "Employees" .
  2.) "DepartmentName" and "Number_of_Employees" from Table "Departments" .

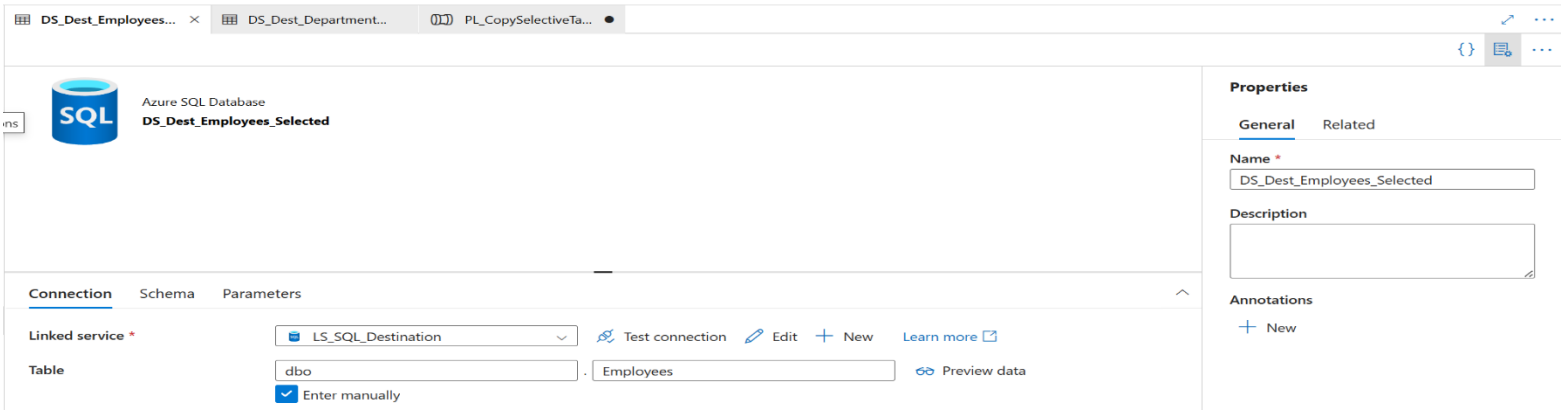




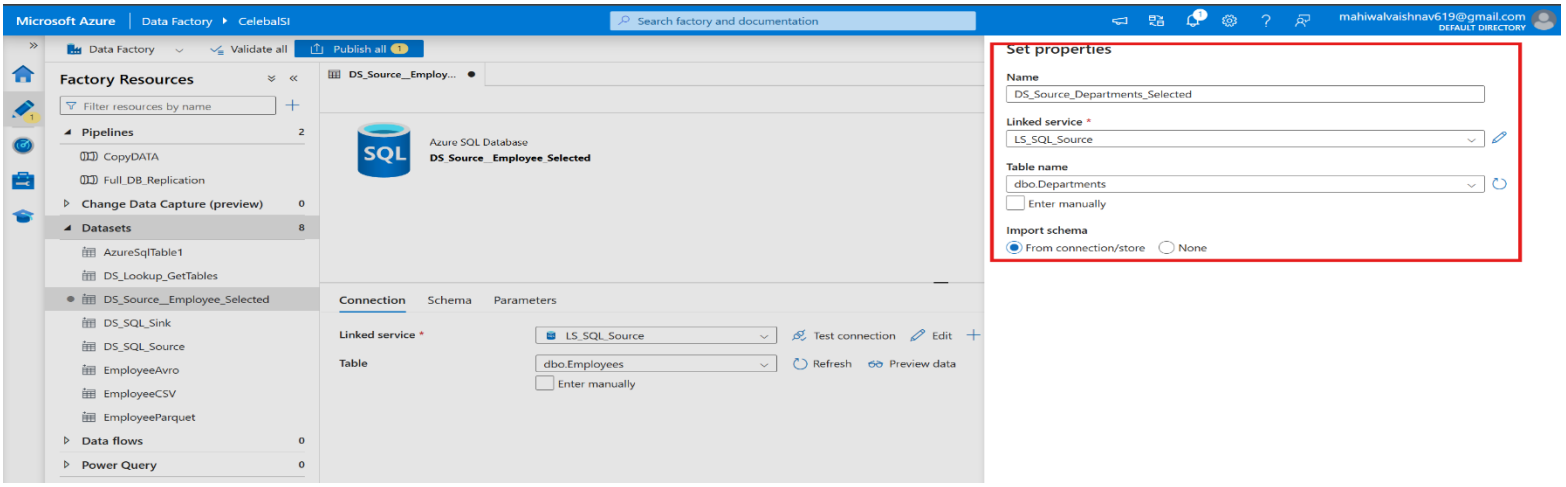
- Lets go to our data factory, we use the same linked services from task3 which link to our source&destination Databases.

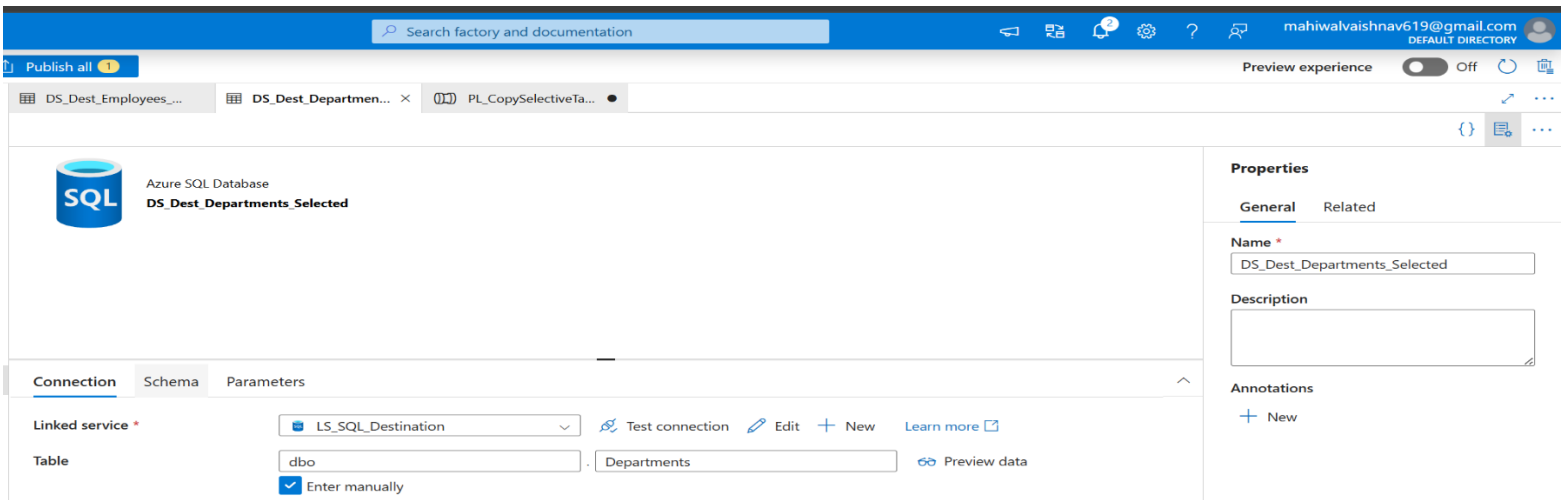
- And create source and destination dataset for our first table “Employees” .



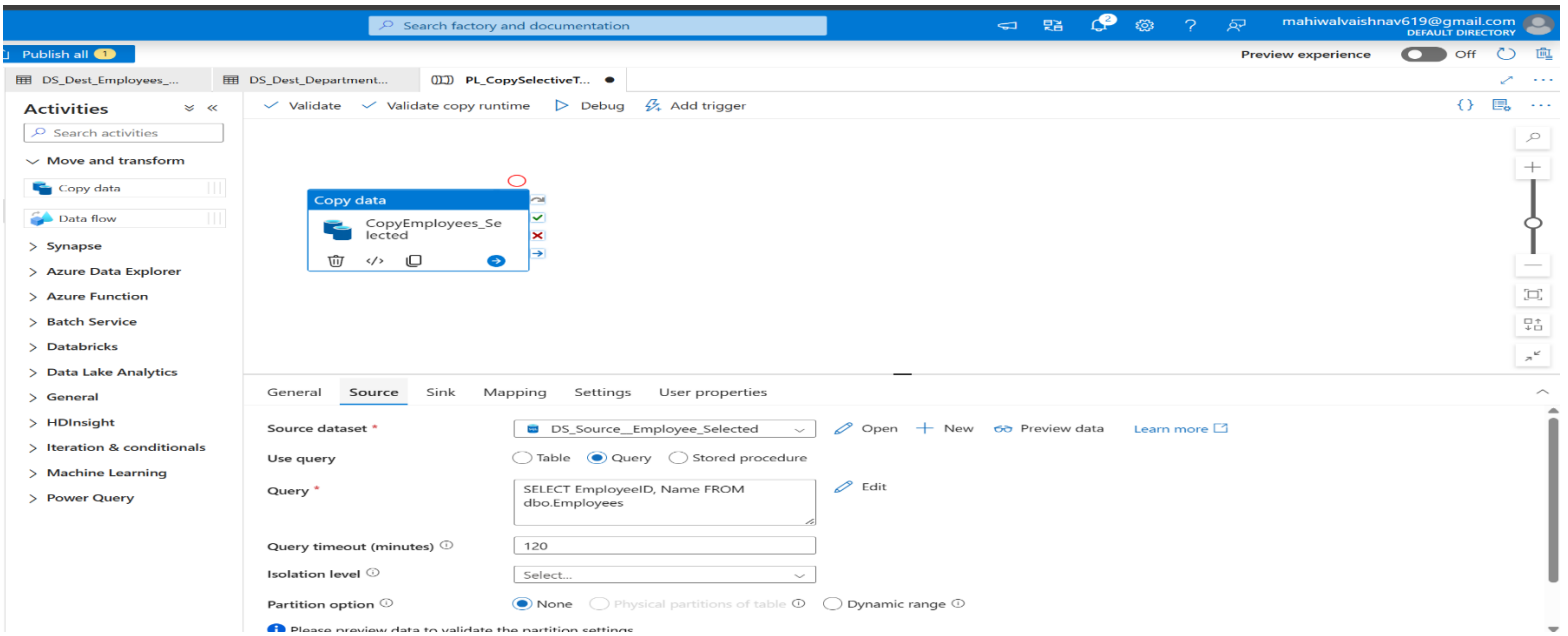


- And create source and destination dataset for our first table “Departments” .

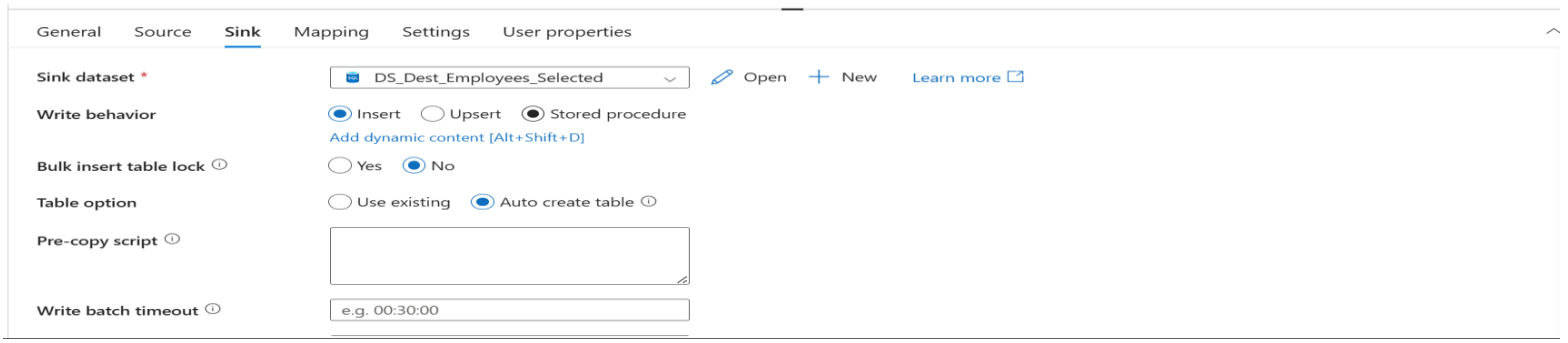




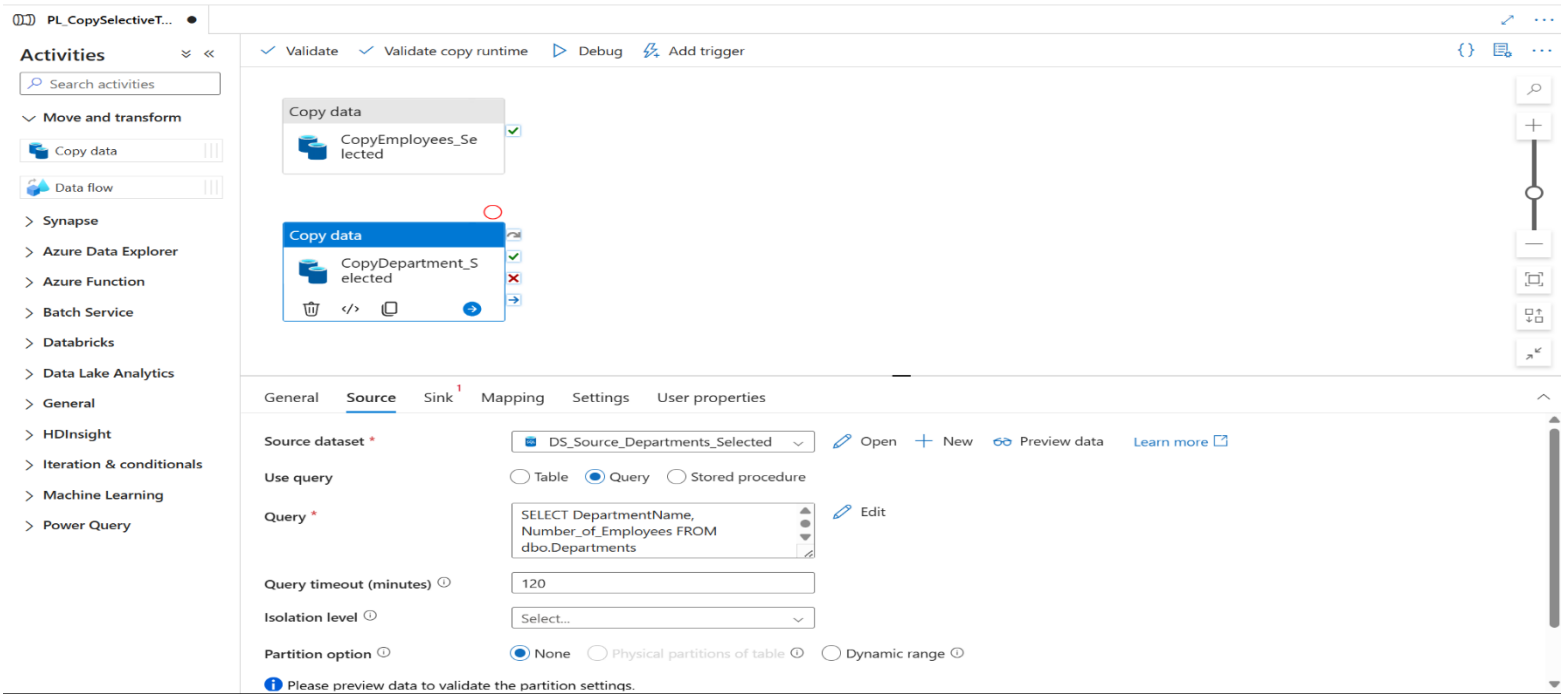
- Create a new pipeline named “PL_CopySelectiveTables” ;
- Drag a copy activity for the employees table into the canvas
- In the Source of the copy activity take our source dataset for “Employees” table and use query to select the desired columns from our table



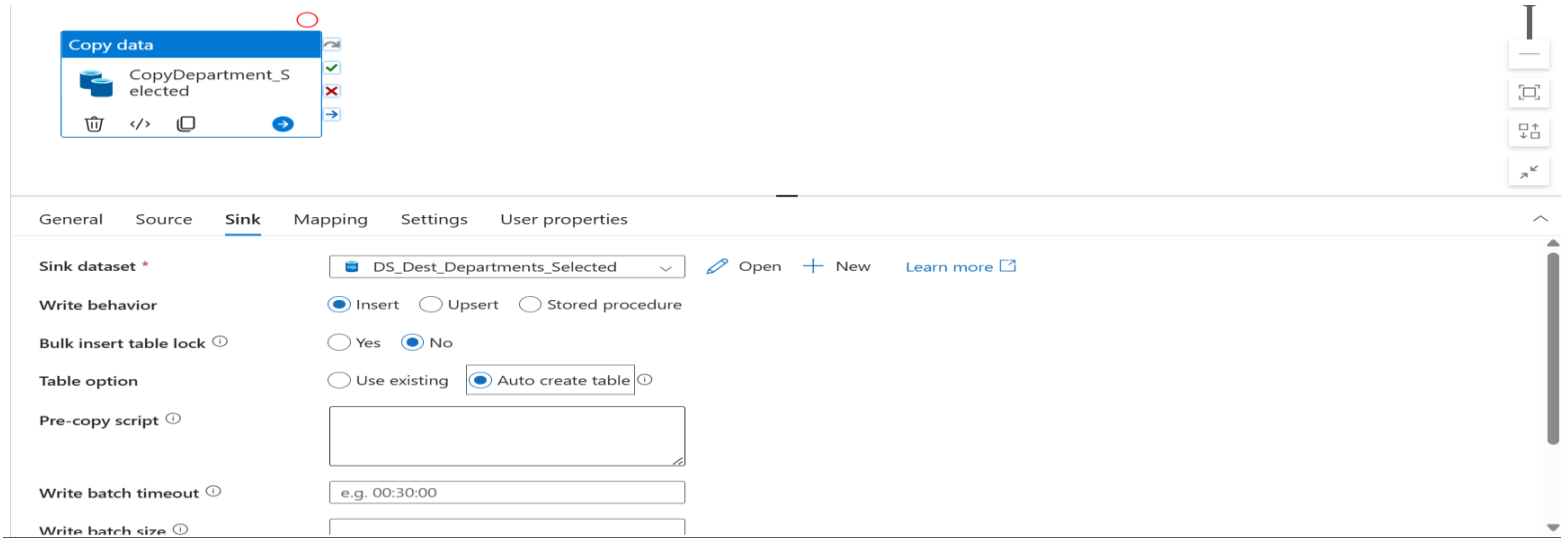
- In the sink we select our destination dataset for employee table and checkmark autocreate table option.



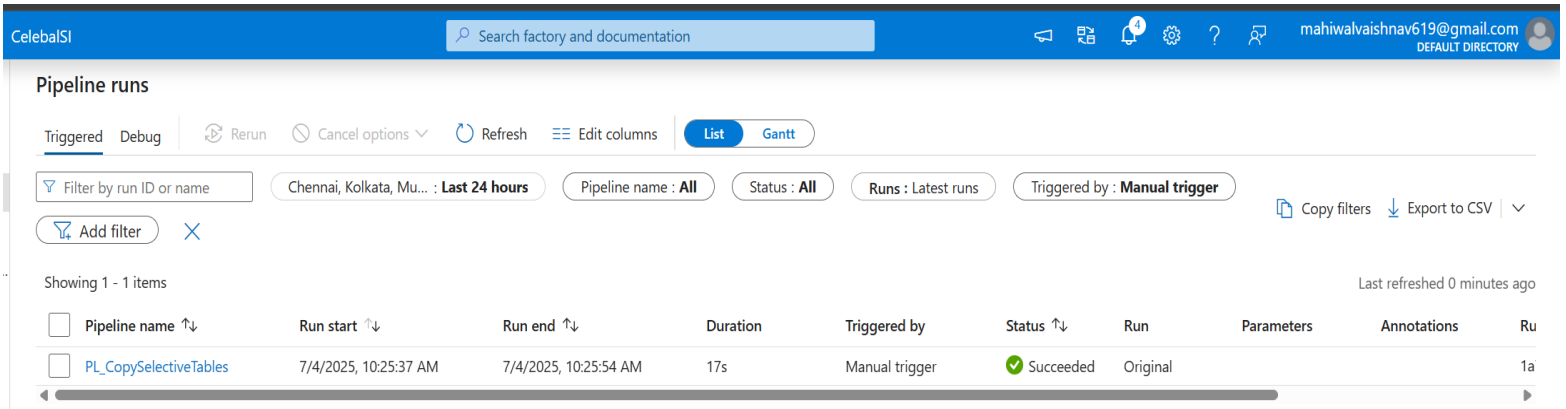
- Now drag another copy activity for our “Departments” table.
- In the Source of the copy activity take our source dataset for “Departments” table and use query to select the desired columns from our table



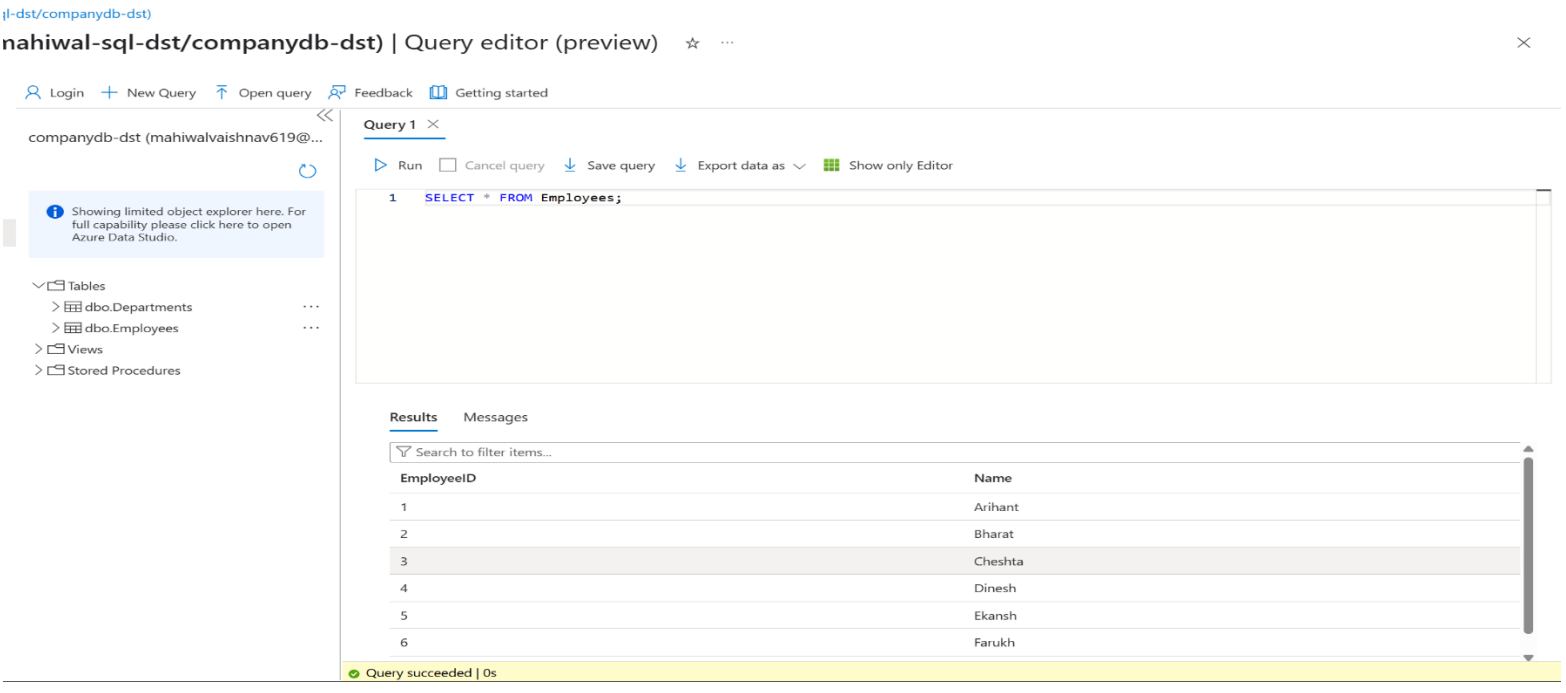
- In the sink we select our destination dataset for “Departments” table and checkmark autocreate table option.



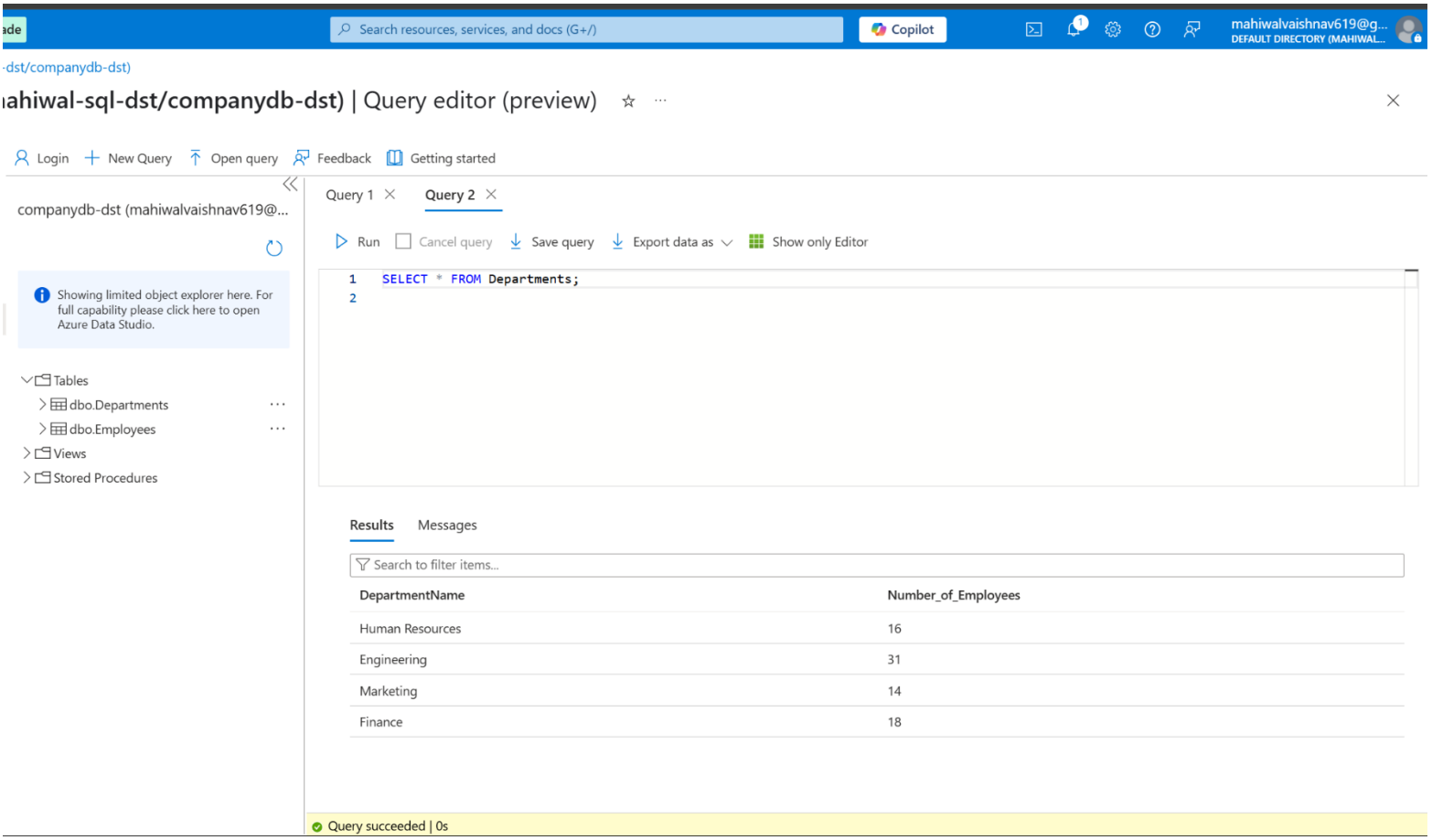
- Now we trigger the pipeline and it is executed successfully



- Finally in the destination database we can see Both the selective tables and the columns we selected from each one:
  1.) Employees table with Columns EmployeeID and Name.



2.) Departments table with columns DepartmentName and Number_of_Employees



- We have successfully completed our task.