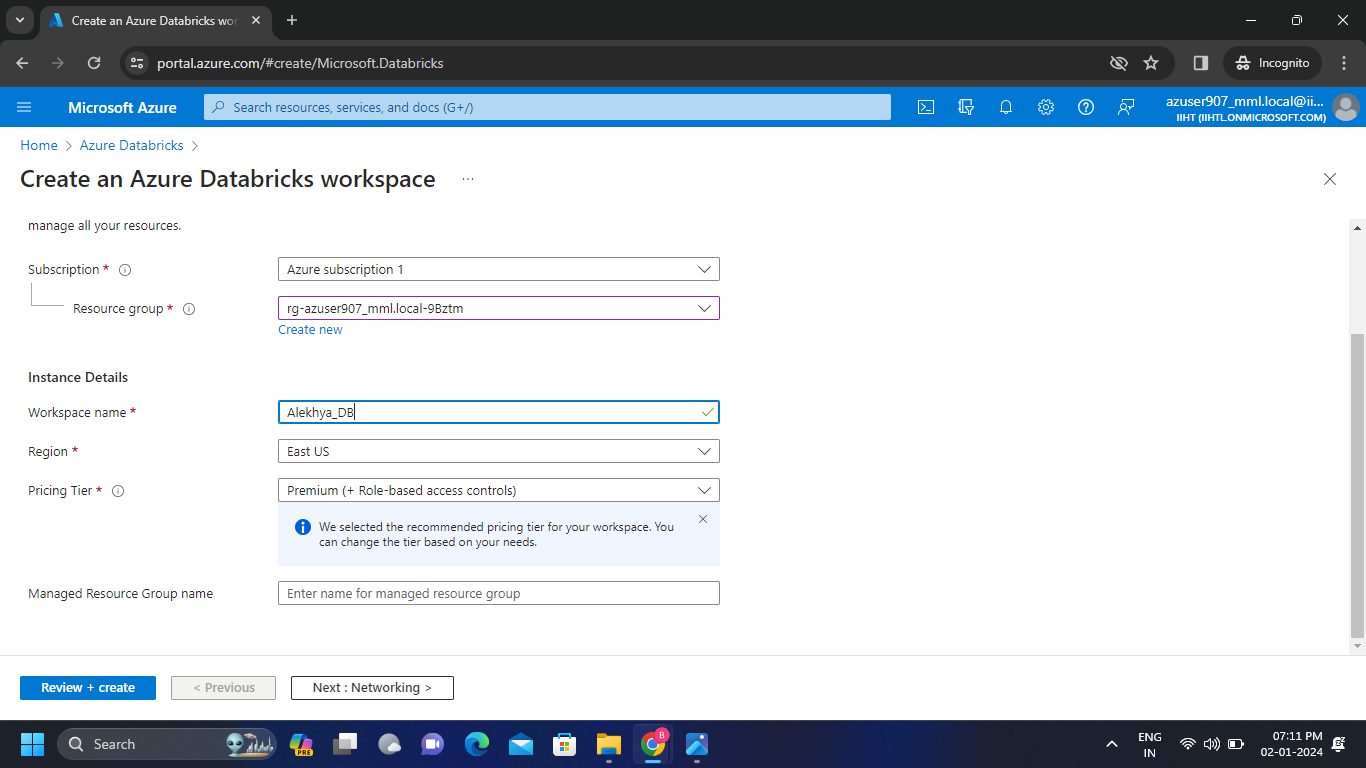
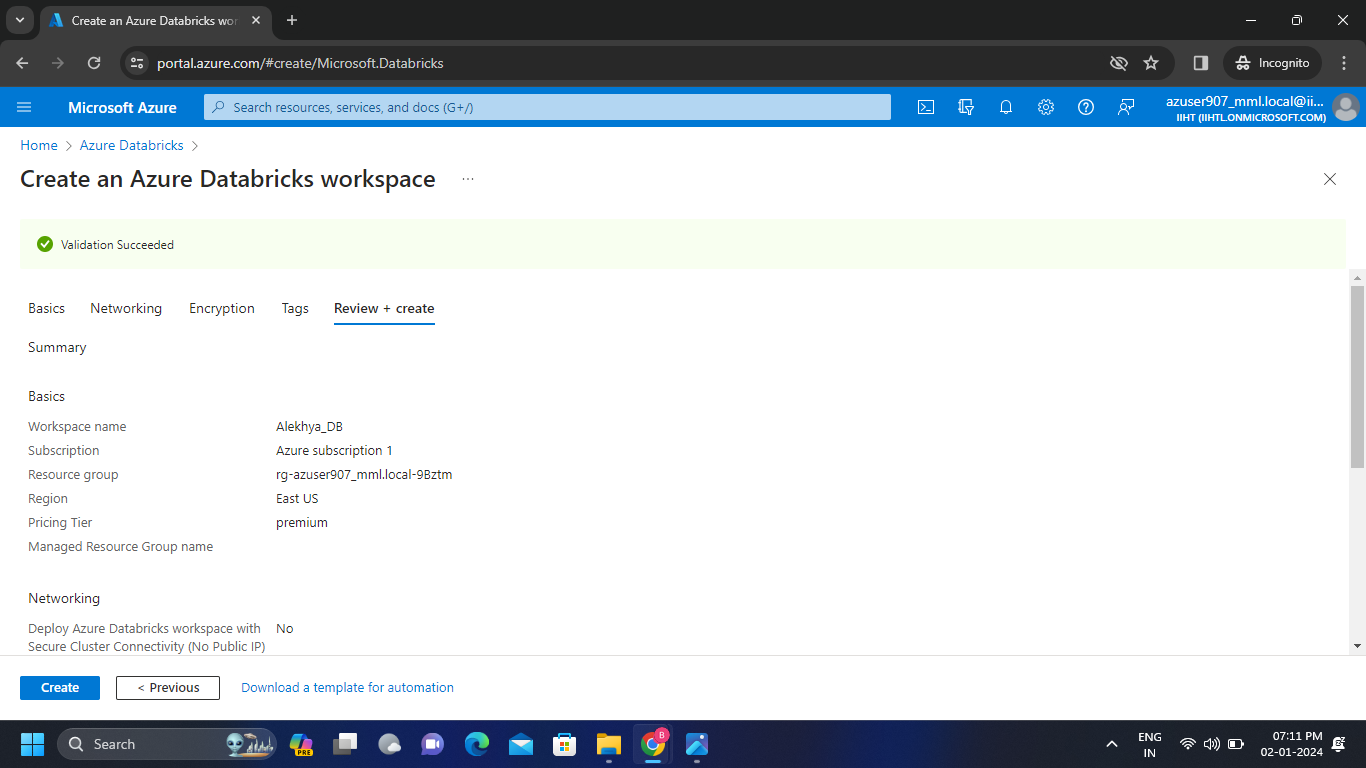
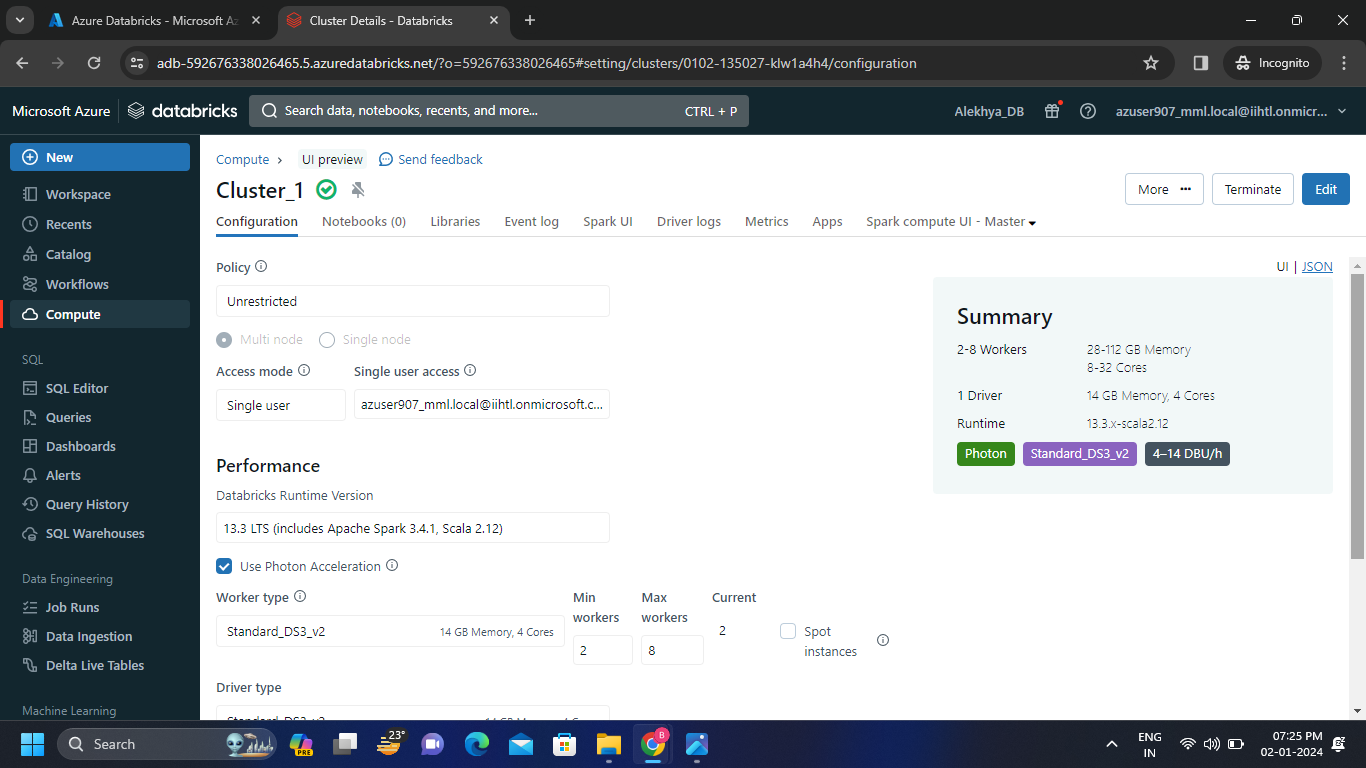
**Alekhya Krishna Balivada Azure Databricks Assessment -4 (02-01-2024)**

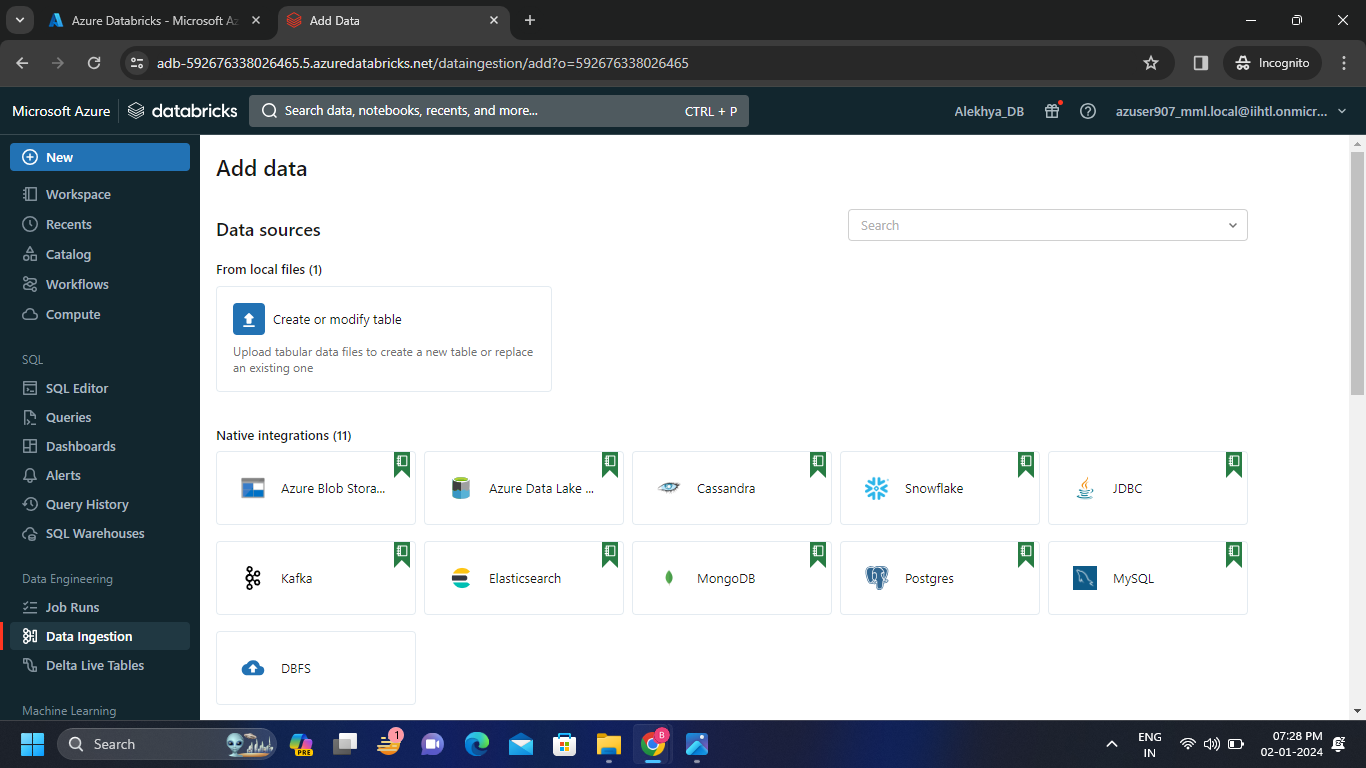
**Creating Delta-Lake tables in Azure Databricks:**

**Step-1:** Create a workspace in the existing resource available.

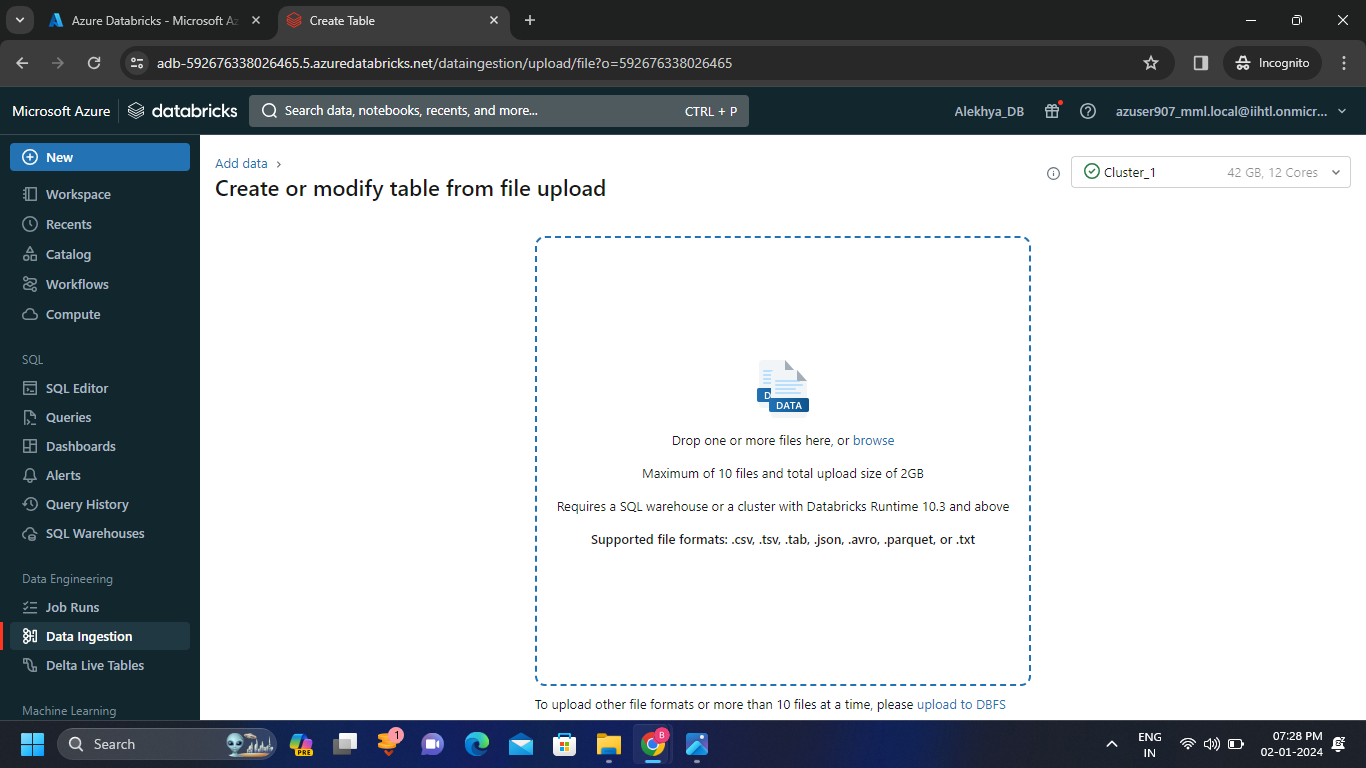
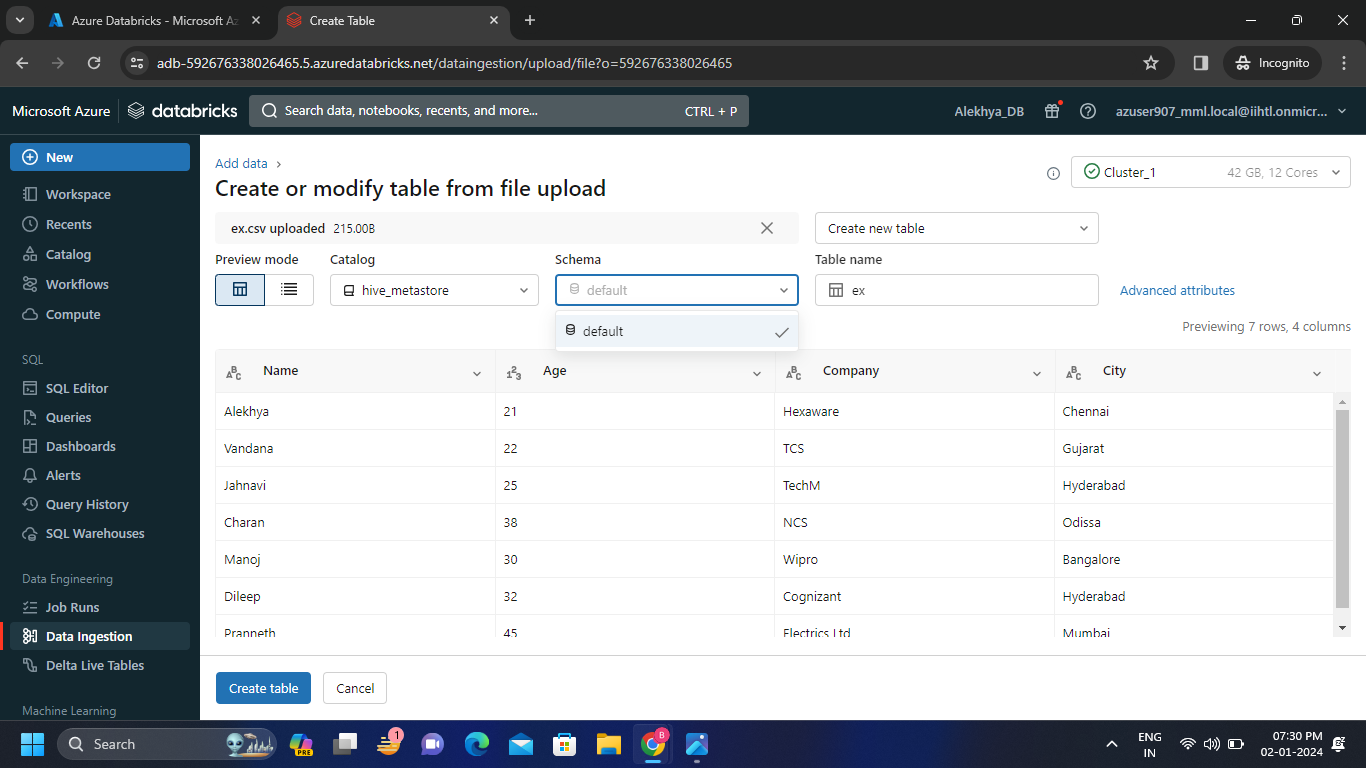
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**Step-2:** Create a new cluster.

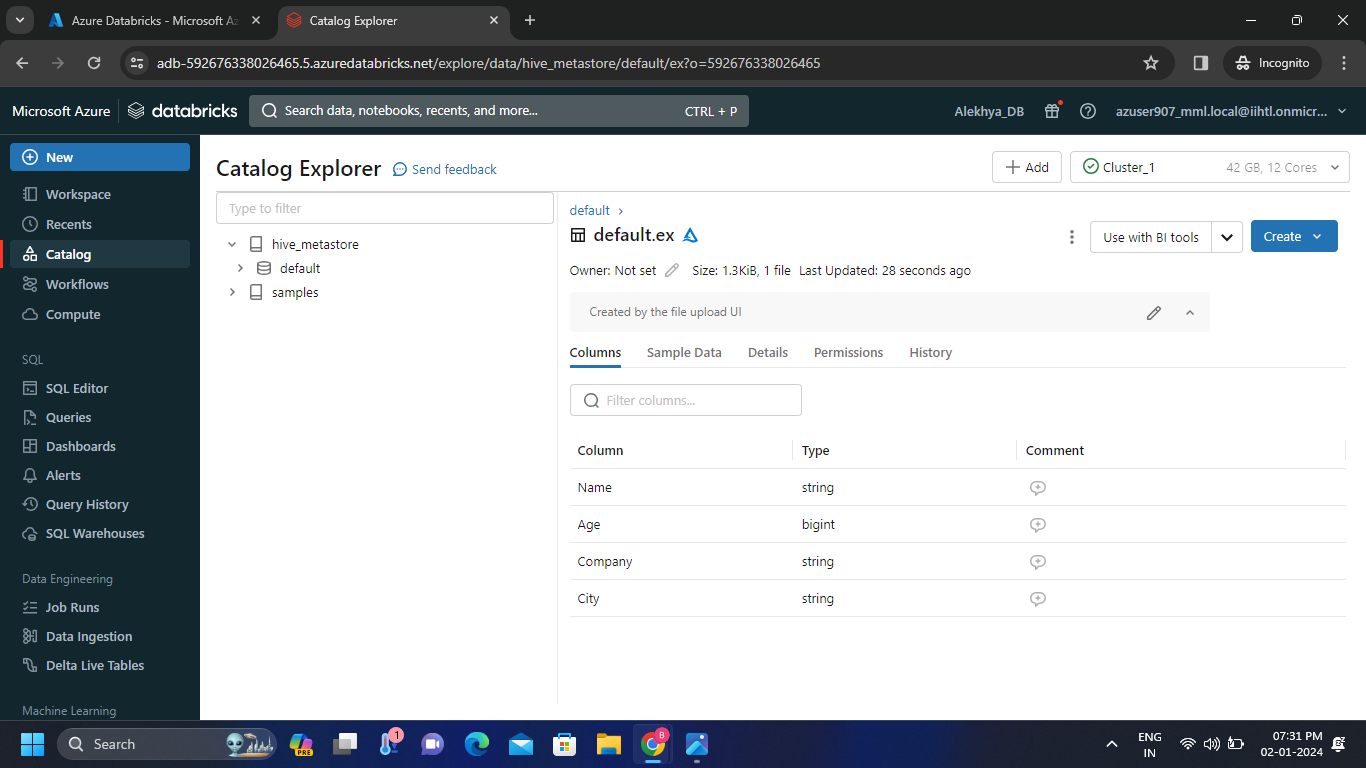
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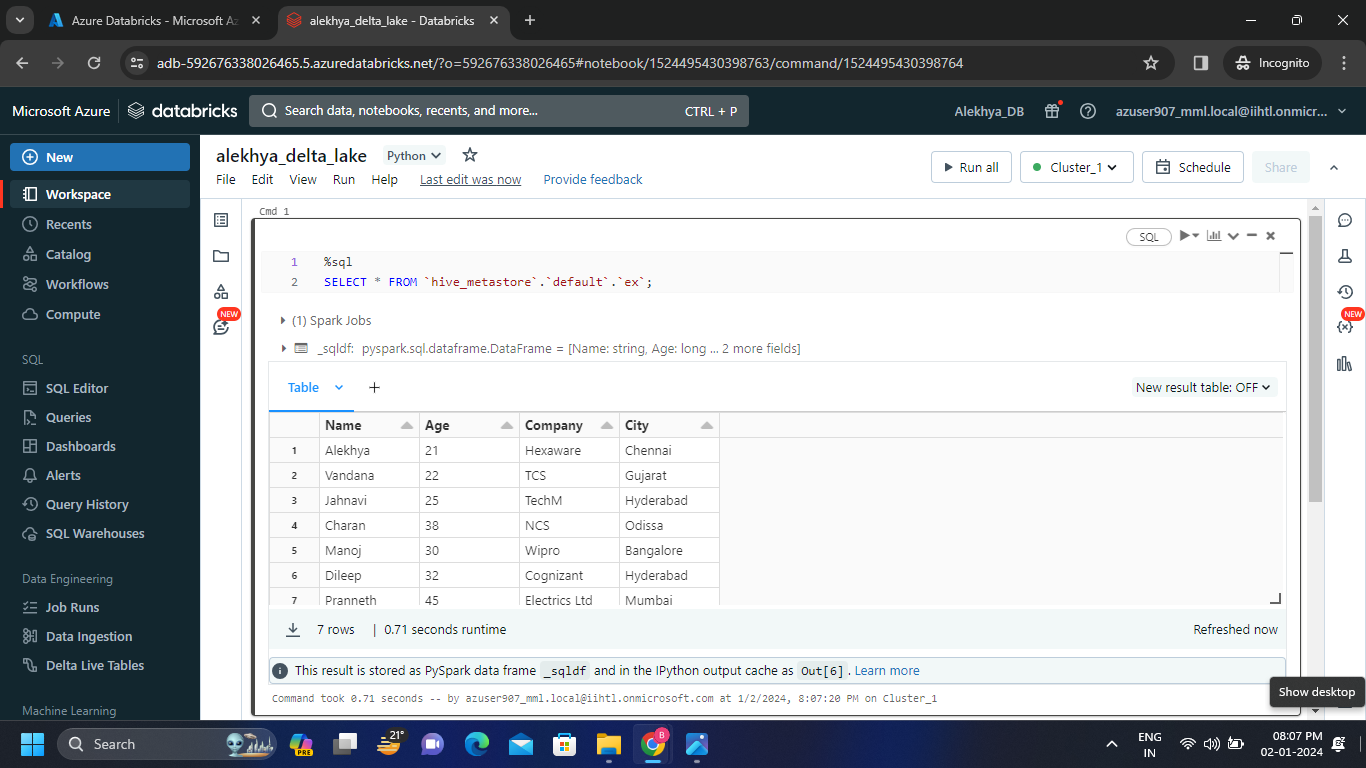
**Step-3:** Click on Data ingestion then upload the csv file by clicking on create or modify table.

**Step-4:** Browse the files from the local files and upload it.

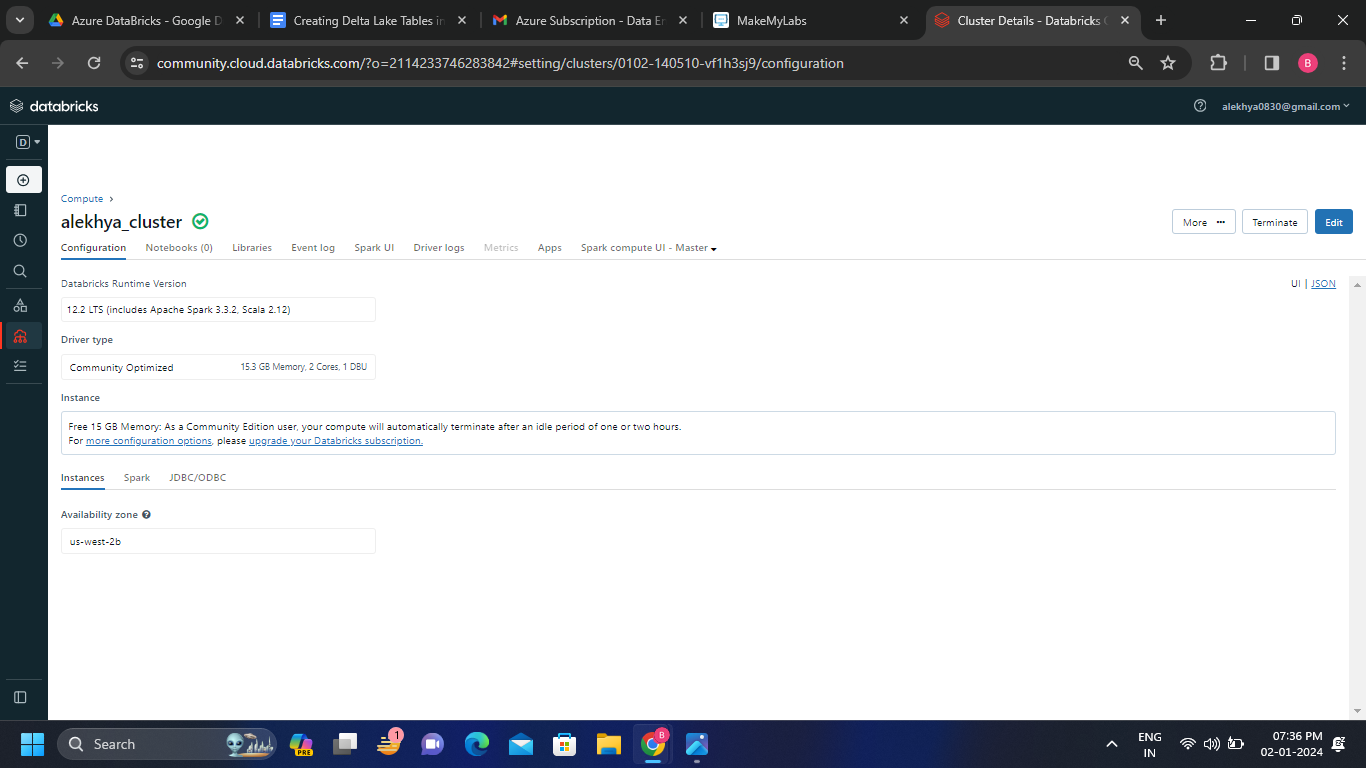
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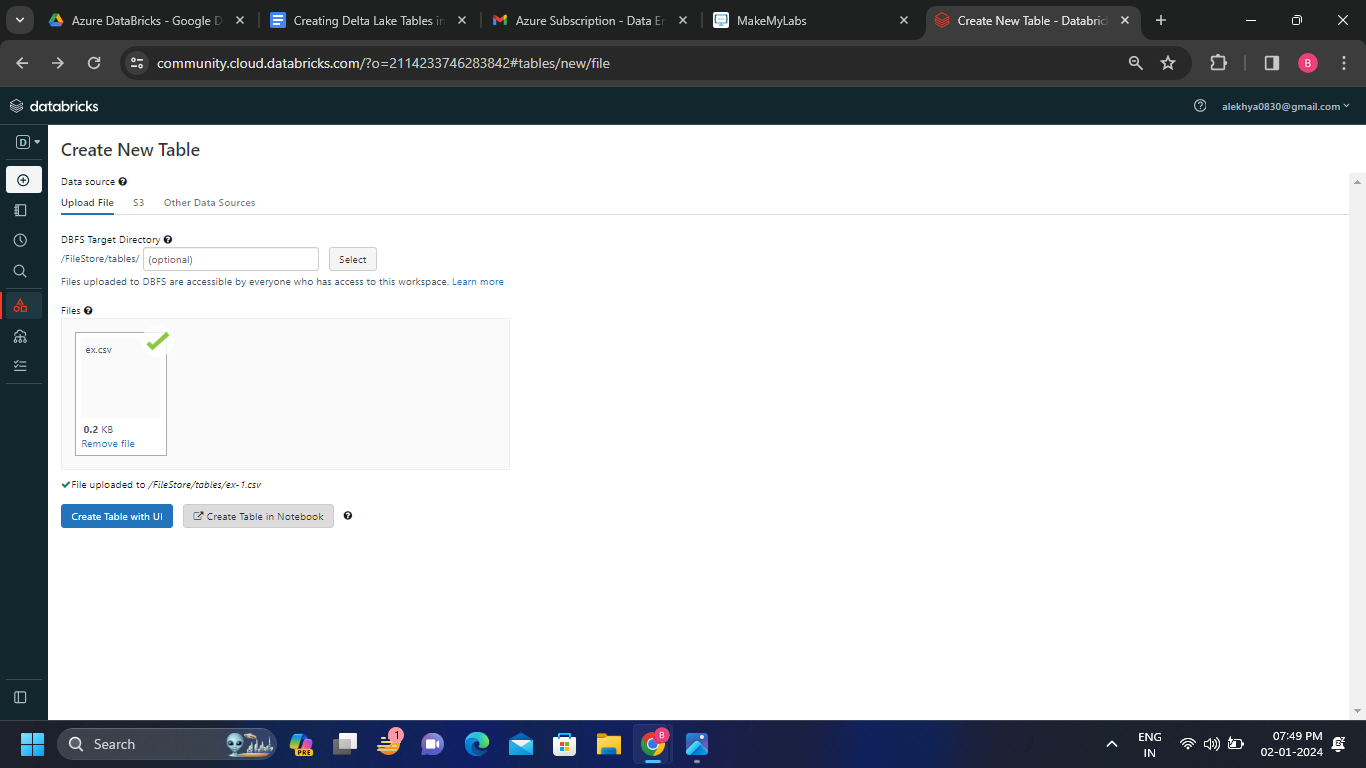
**Step-5:** Create the table by clicking on create table.

* Now click on create and then we get the pop-up of create query/notebook/quick dashboard click on notebook to run the queries.

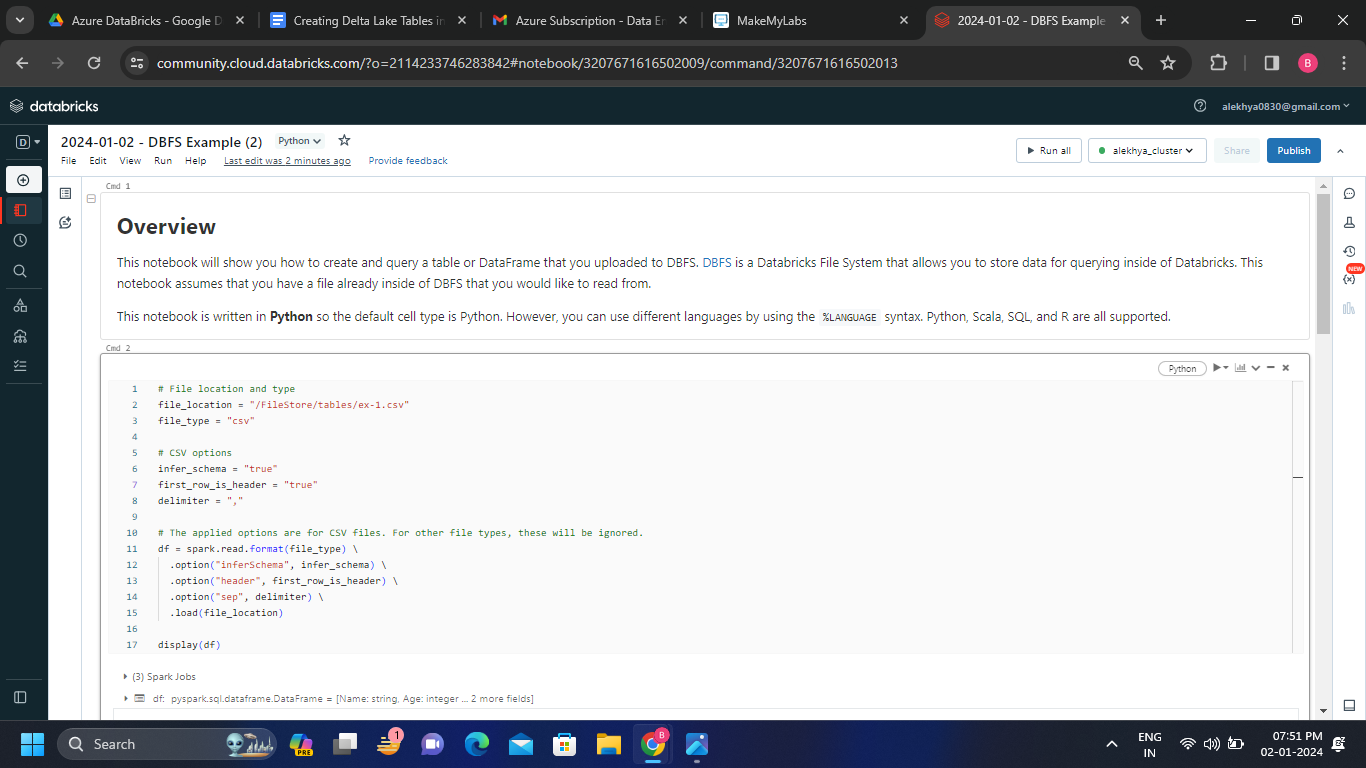
**Step-6:** Run the query so that we get the output as follows.

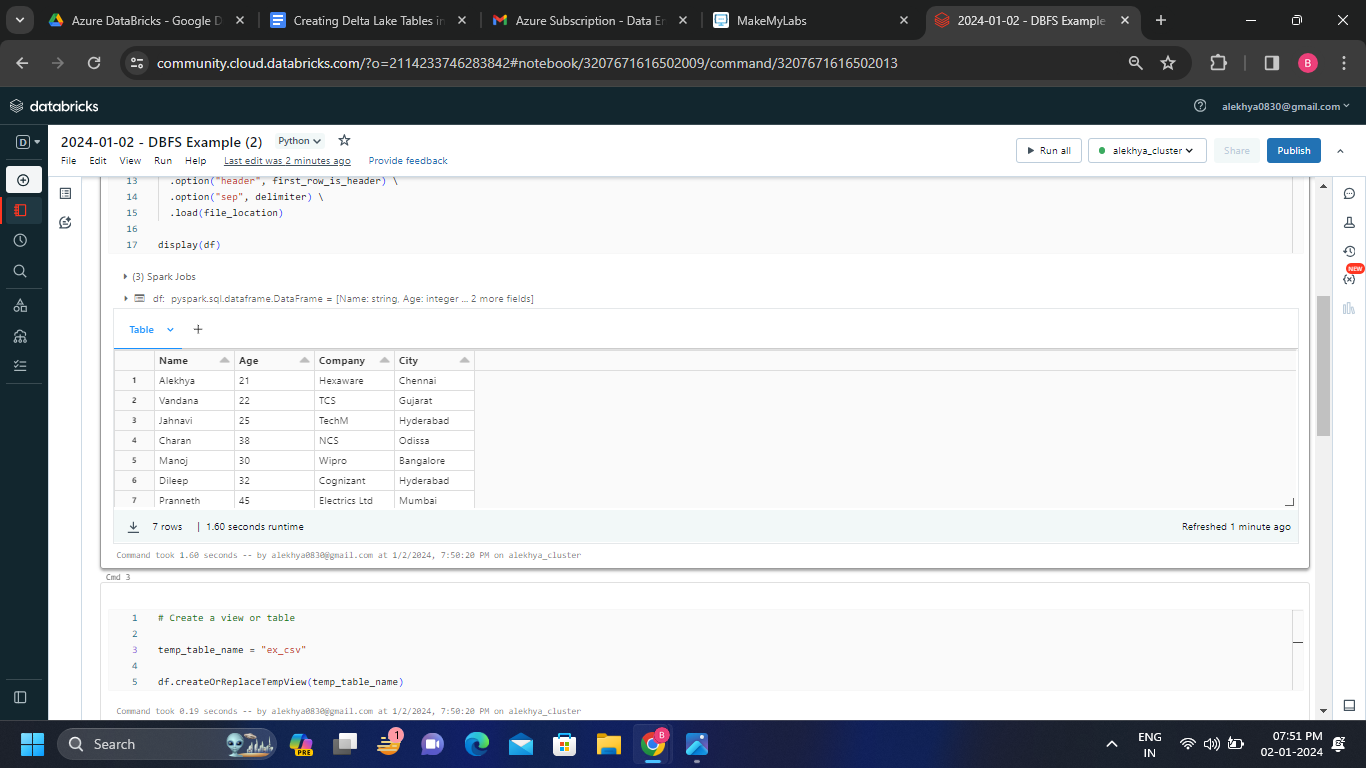
**Creating Delta-Lake tables in Azure Databricks Free Account:**

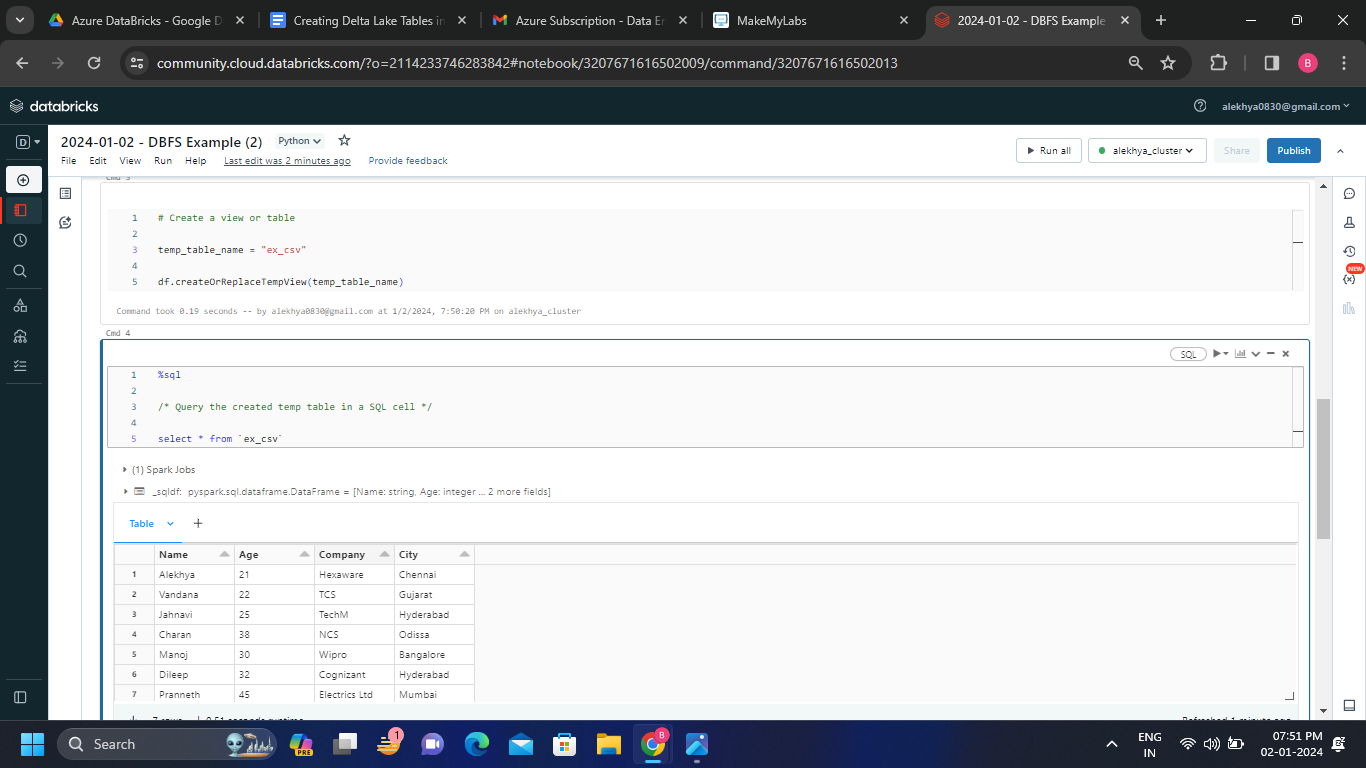
**Step-1:** Create a new cluster.

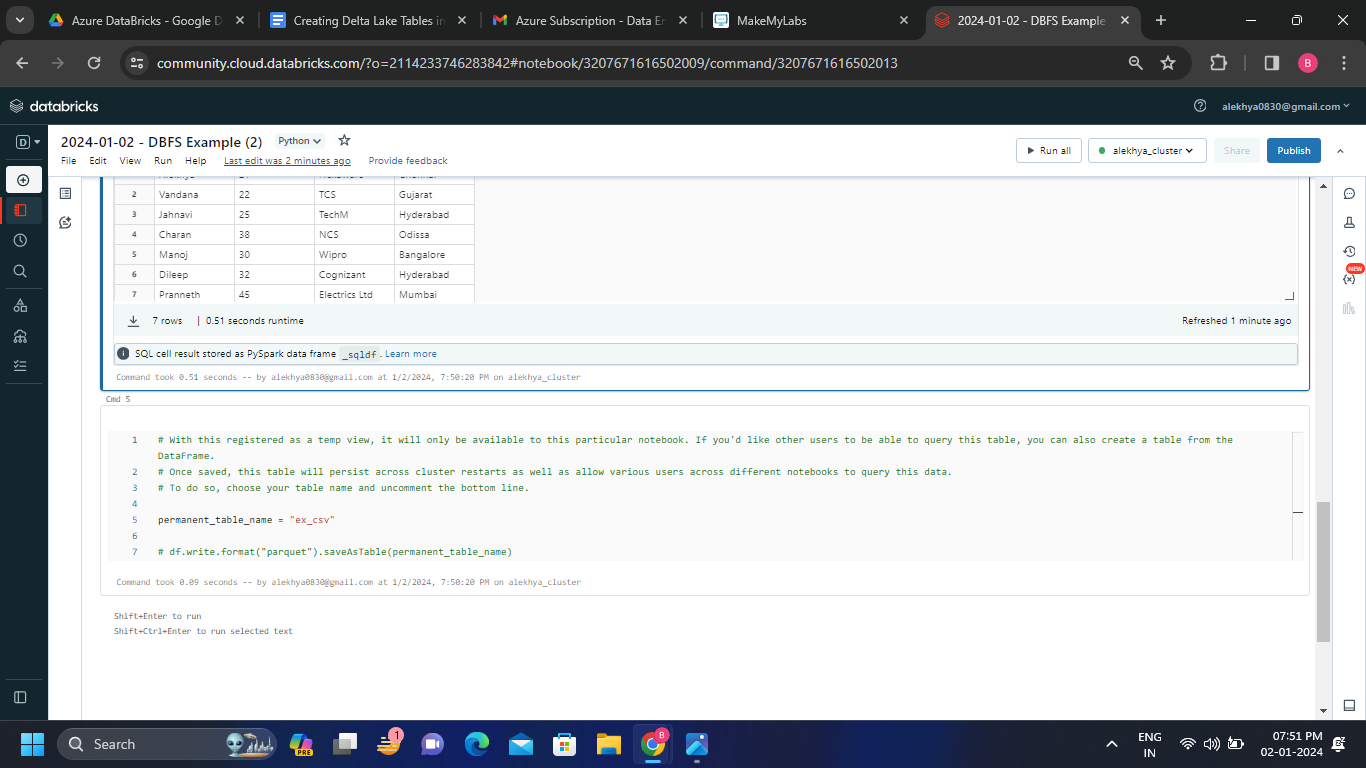
**Step-2:** Create a new table and upload the local file into it and click on create table in notebook or UI.

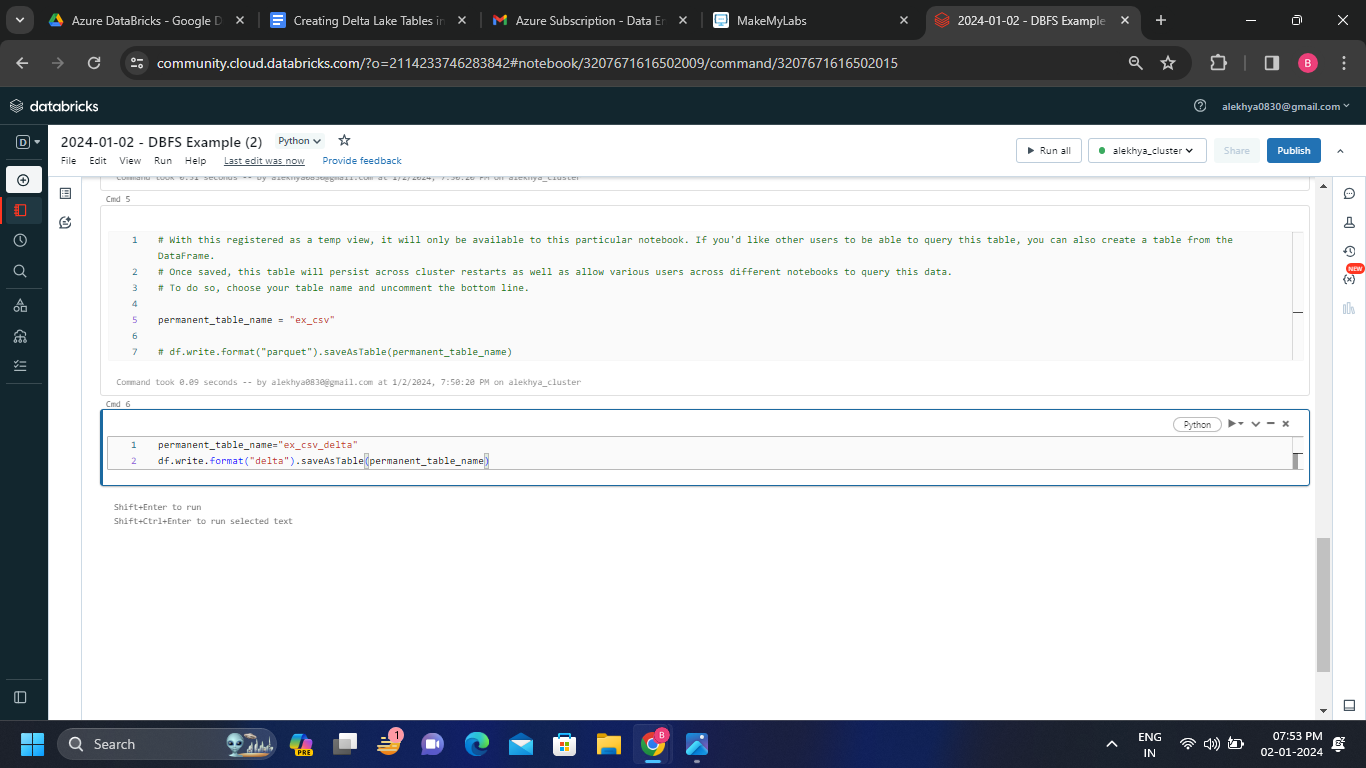
**Step-3:** We will get the following notebook and the notebook is connected to the current cluster. Run the cells inside the notebook.

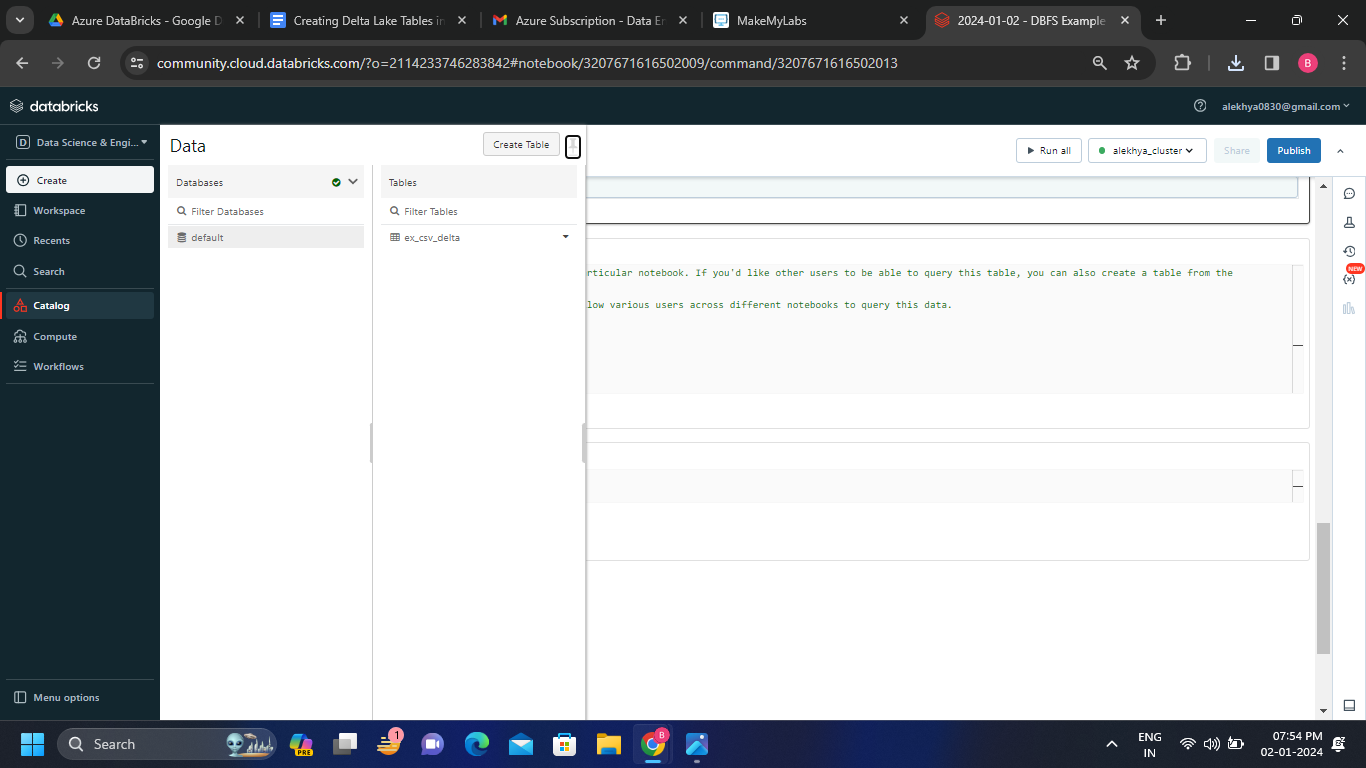
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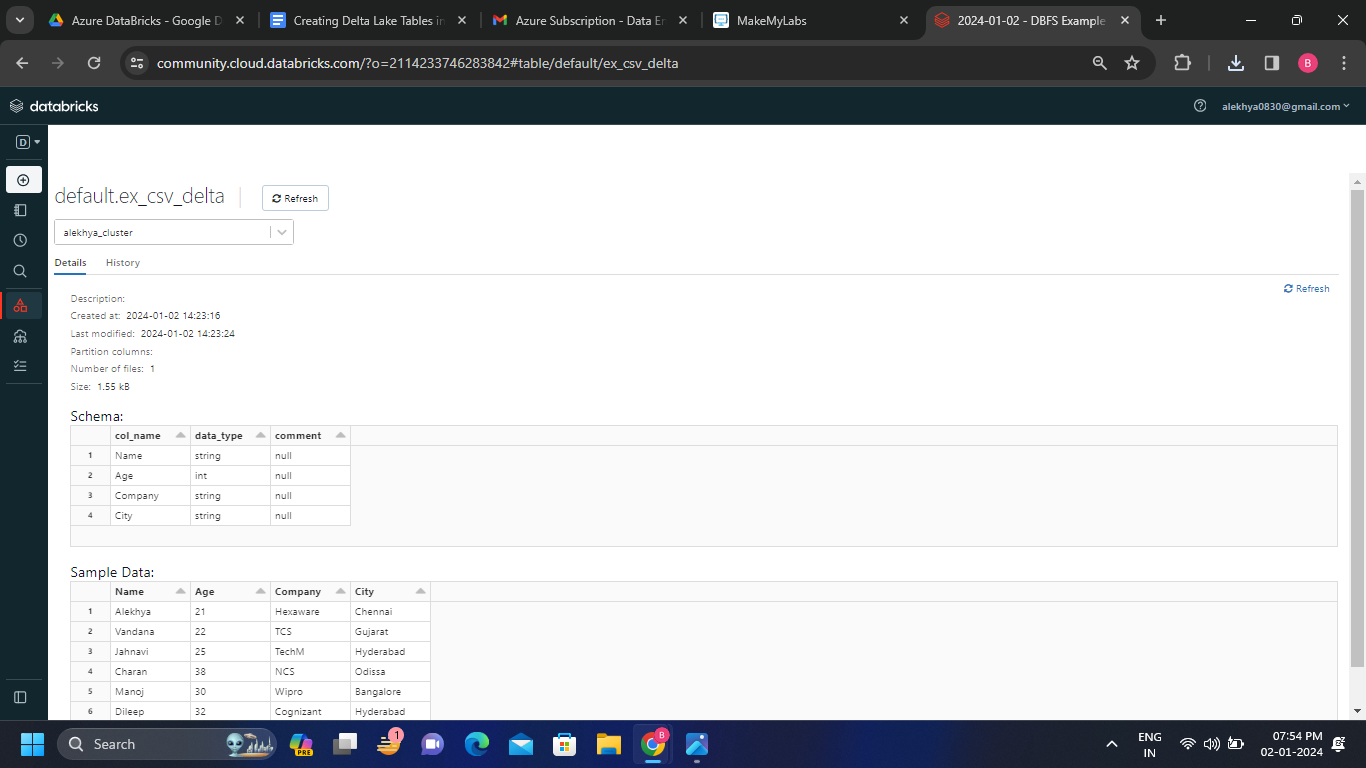
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**Step-4:**  After clicking on the catalog we can see the delta table that is created.

**Step-5:** If we click on the above delta table we can see the details of the table which is Schema and sample data of the table.

* We can alse see the history of the delta table.

