Name: Rohan Vinayak Chaudhari

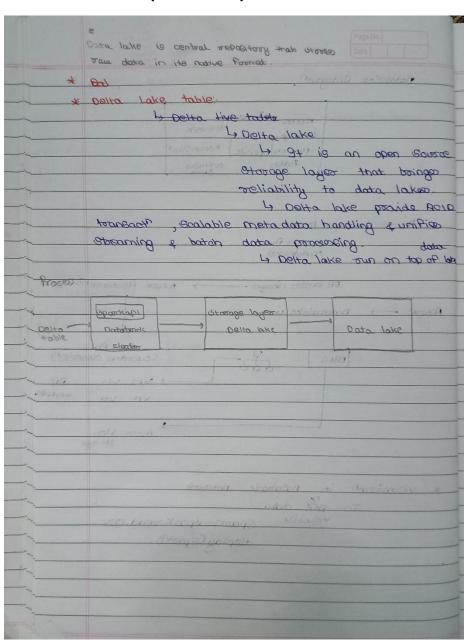
Batch: Data Engineering

Date:14/02/2024

Topic: Azure DataBricks

Solution:

1.Azure Databricks(Delta lakes):



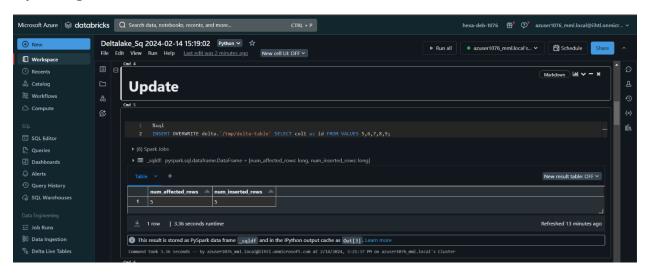
Creating delta lake table with SQL:



Viewing the data:



Updating data with overwrite:



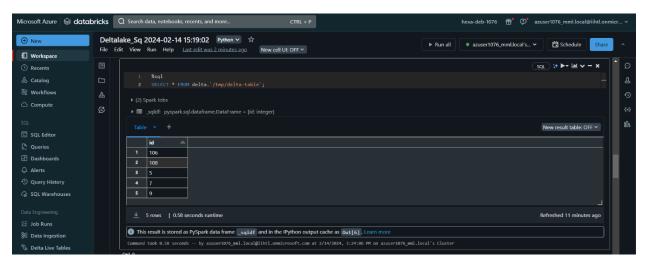
Getting the Updated Data:



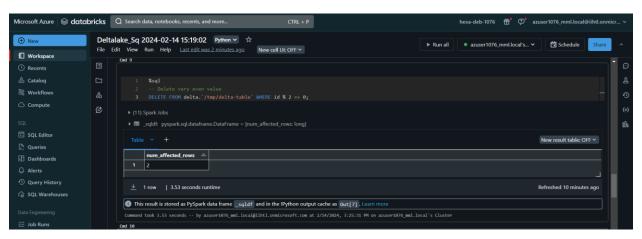
Updating Data without Overwrite:



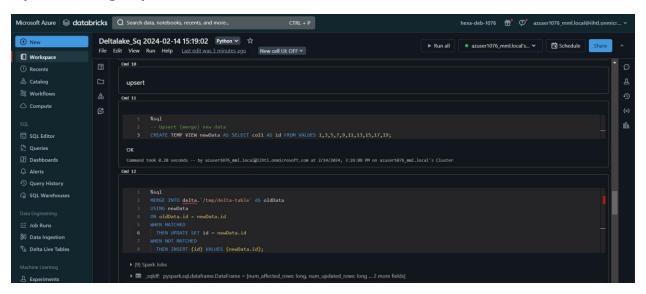
Viewing the updated data:



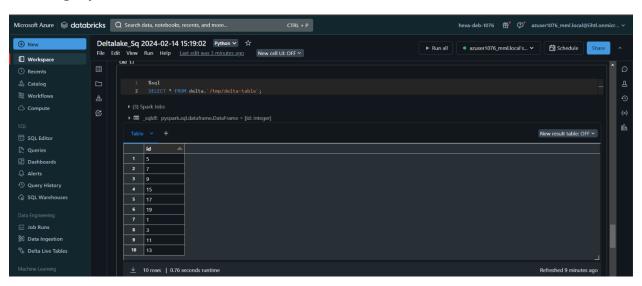
Deleting Even Data:



Upsert&Merge operations:



Viewing Upserted data:

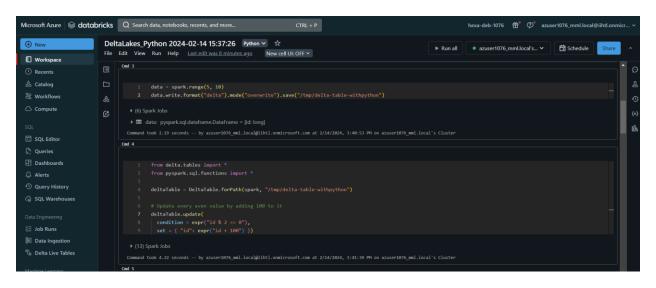


Getting older data:

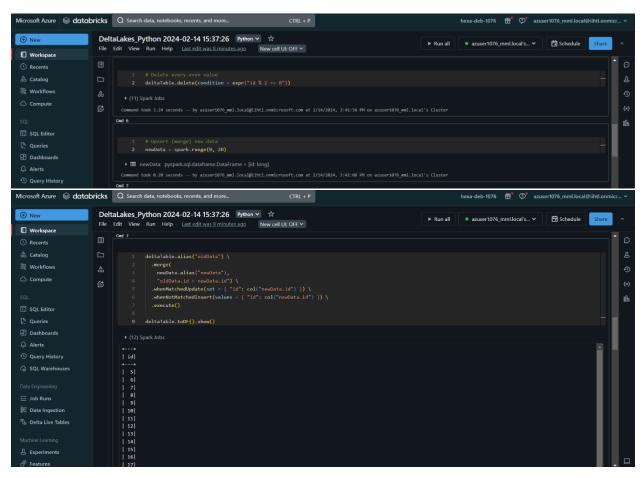


Delta lakes Working with Python:

Overwrite&without overwrite:



Delete, Upsert&retriving new data in Python:



Getting older data:



Streaming Data:

