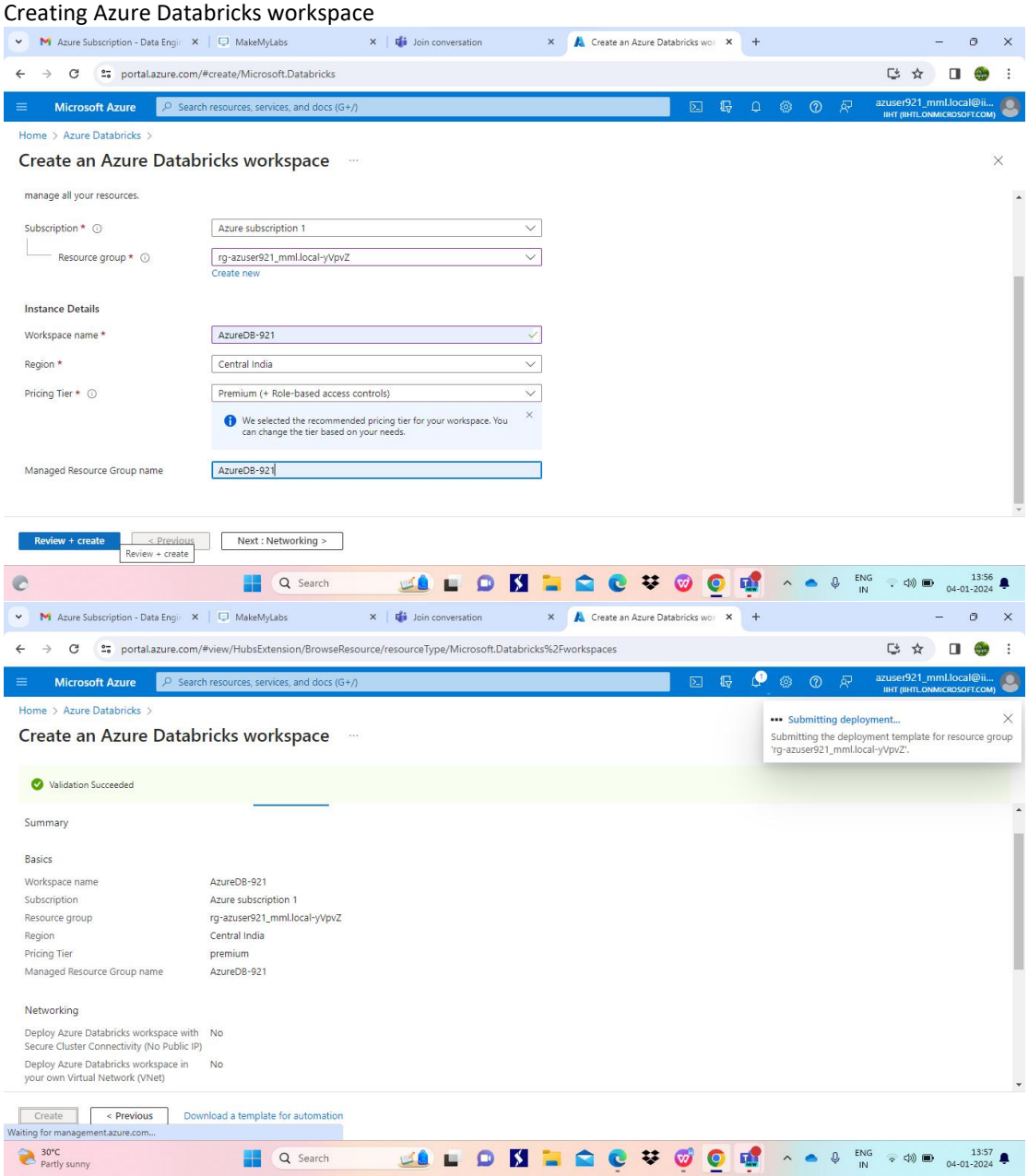
Mallu Sravana Sandhya

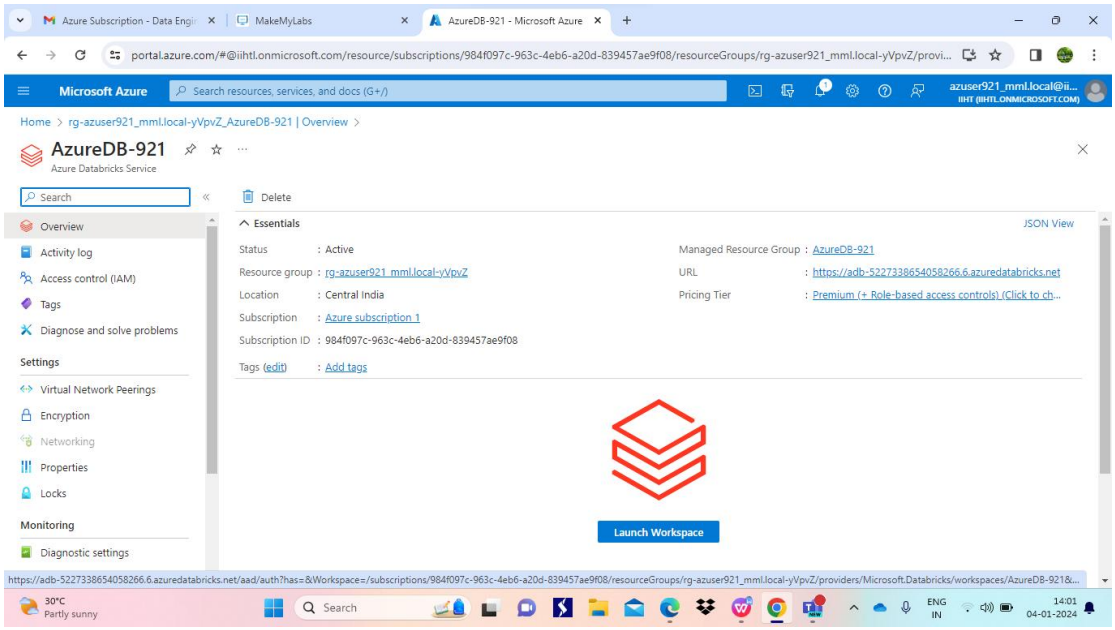
04/01/24

Assessment-26

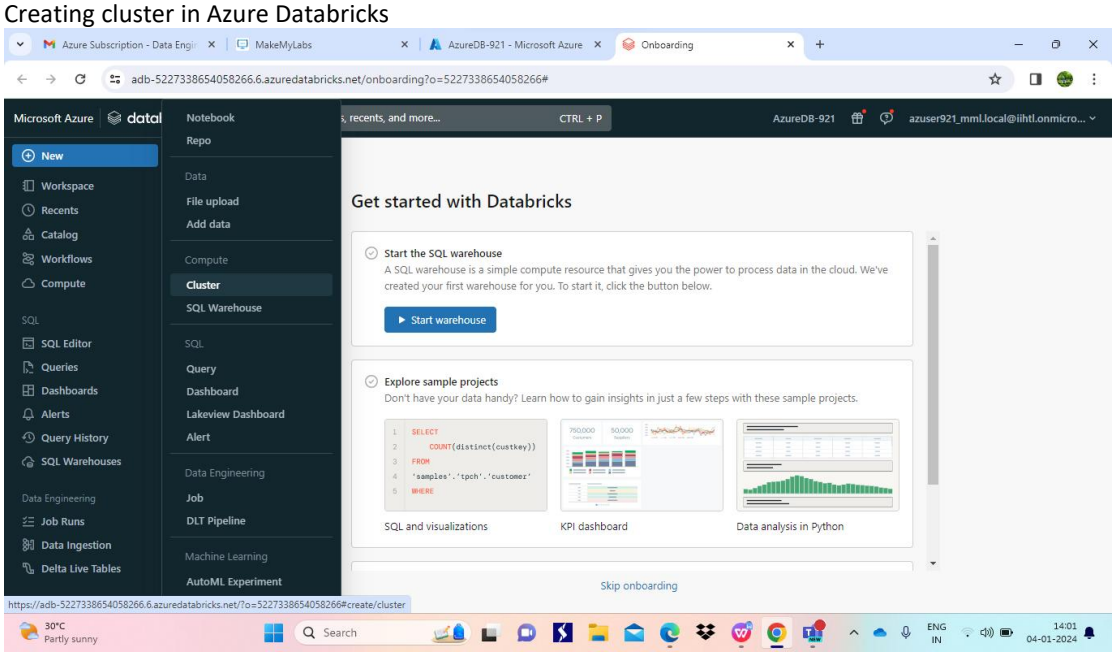
ETL workload on Azure Databricks

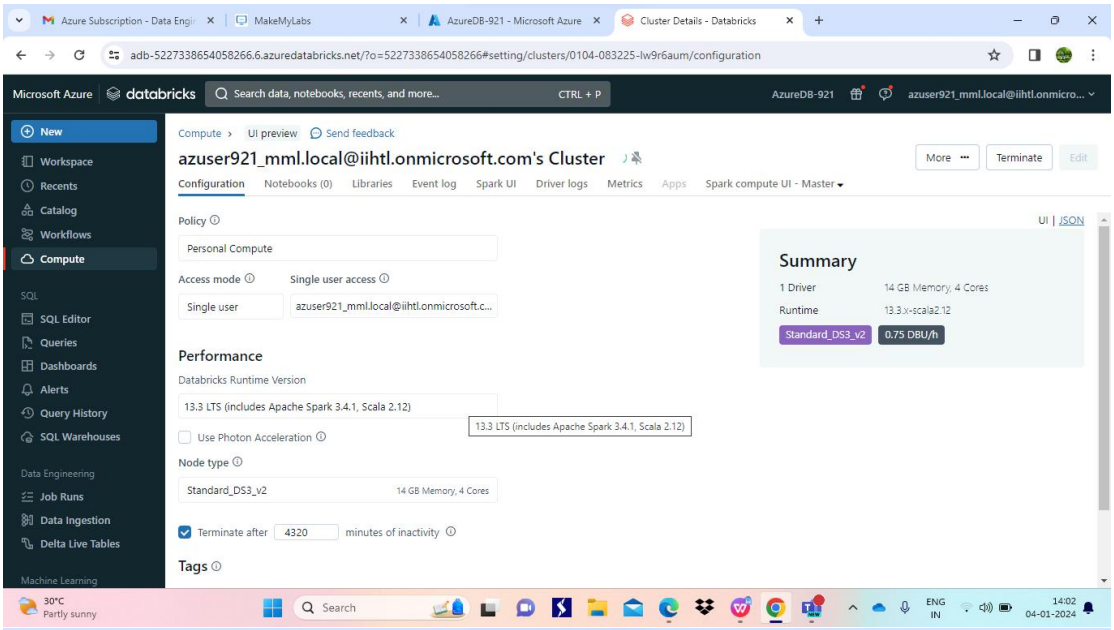
Creating Azure Databricks workspace

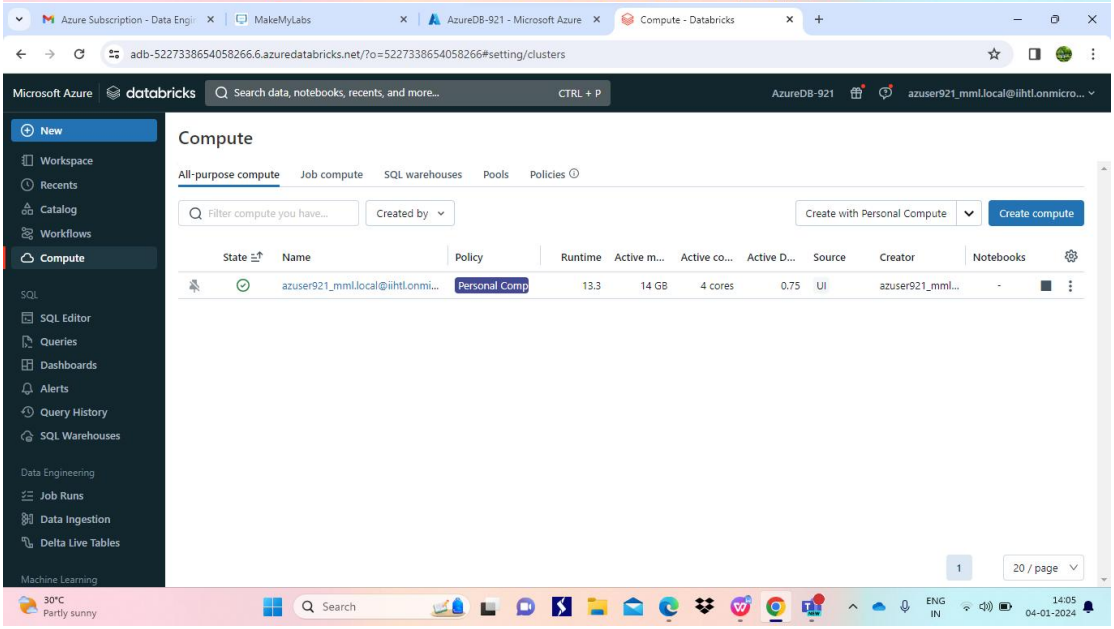




Creating cluster in Azure Databricks




Azure Subscription - Data Engi
MakeMyLabs
AzureDB-921 - Microsoft Azure
Cluster Details - Databricks
adb-5227338654058266.6.azuredatabricks.net/?o=5227338654058266#setting/clusters/0104-083225-lw9r6aum/configuration
Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
AzureDB-921
azuser921_mml.local@iihtl.onmicro...
New
Workspace
Recents
Catalog
Workflows
Compute
SQL
SQL Editor
Queries
Dashboards
Alerts
Query History
SQL Warehouses
Data Engineering
Job Runs
Data Ingestion
Delta Live Tables
Machine Learning
Compute › UI preview Send feedback
azuser921_mml.local@iihtl.onmicrosoft.com's Cluster
More
Terminate
Edit
Configuration
Notebooks (0)
Libraries
Event log
Spark UI
Driver logs
Metrics
Apps
Spark compute UI - Master
Policy
Personal Compute
UI | JSON
Access mode
Single user access
Single user
azuser921_mml.local@iihtl.onmicrosoft.c...
Summary
1 Driver
14 GB Memory, 4 Cores
Runtime
13.3.x-scala2.12
Standard_DS3_v2
0.75 DBU/h
Performance
Databricks Runtime Version
13.3 LTS (includes Apache Spark 3.4.1, Scala 2.12)
Use Photon Acceleration
Node type
Standard_DS3_v2
14 GB Memory, 4 Cores
Terminate after
4320
minutes of inactivity
Tags
30°C
Partly sunny
Search
ENG
IN
14:02
04-01-2024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databricks
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Dashboards
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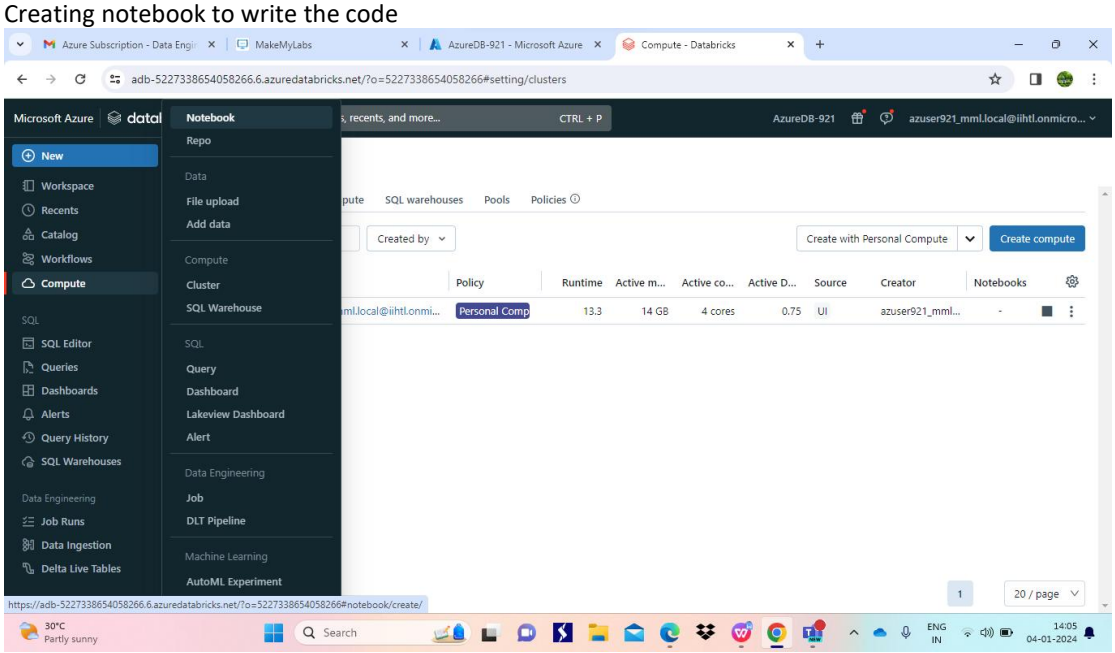
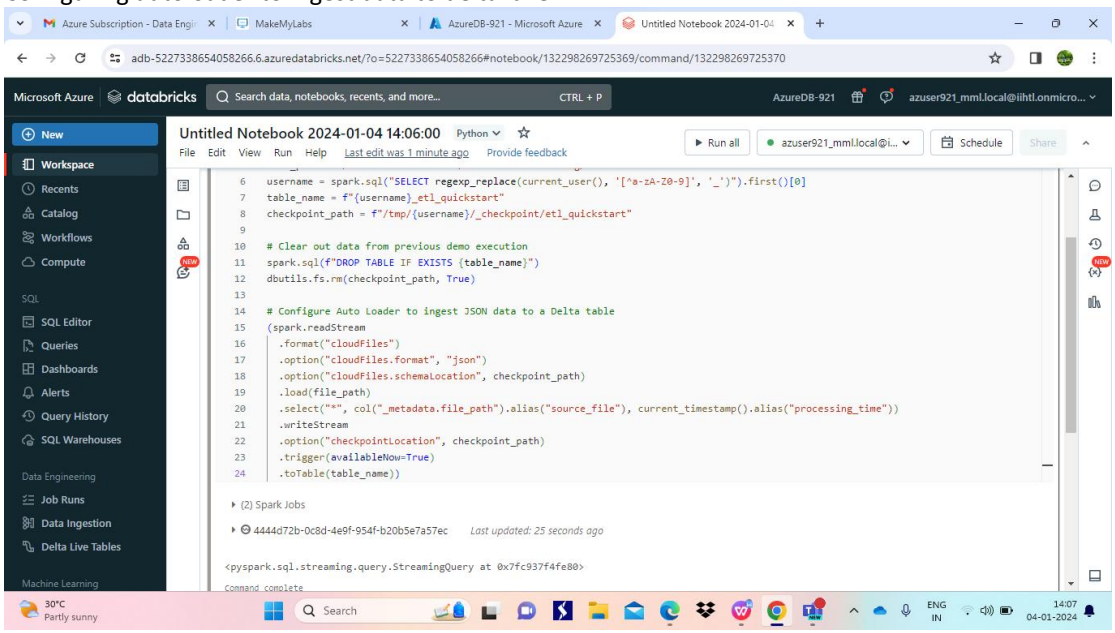
Data Engineering
Job Runs
Data Ingestion
Delta Live Tables
Machine Learning
Compute
All-purpose compute
Job compute
SQL warehouses
Pools
Policies
Filter compute you have...
Created by
Create with Personal Compute
Create compute
State
Name
Policy
Runtime
Active m...
Active co...
Active D...
Source
Creator
Notebooks
azuser921_mml.local@iihtl.onmi...
Personal Comp
13.3
14 GB
4 cores
0.75
UI
azuser921_mml...
-
1
20 / page
30°C
Partly sunny
Search
ENG
IN
14:05
04-01-2024

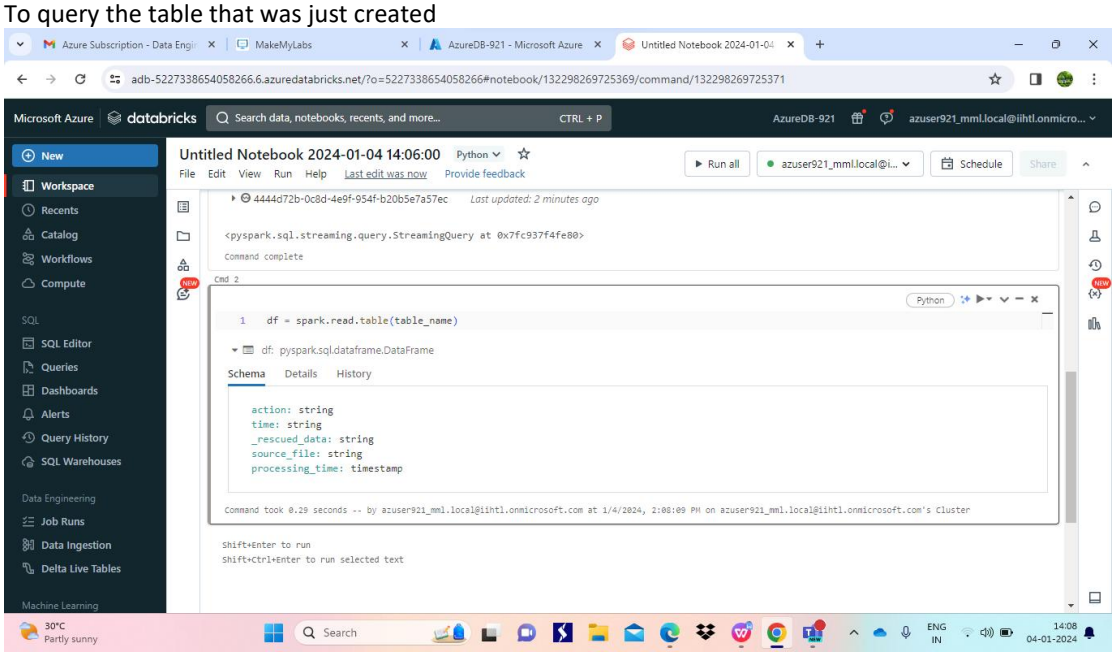
Creating notebook to write the code



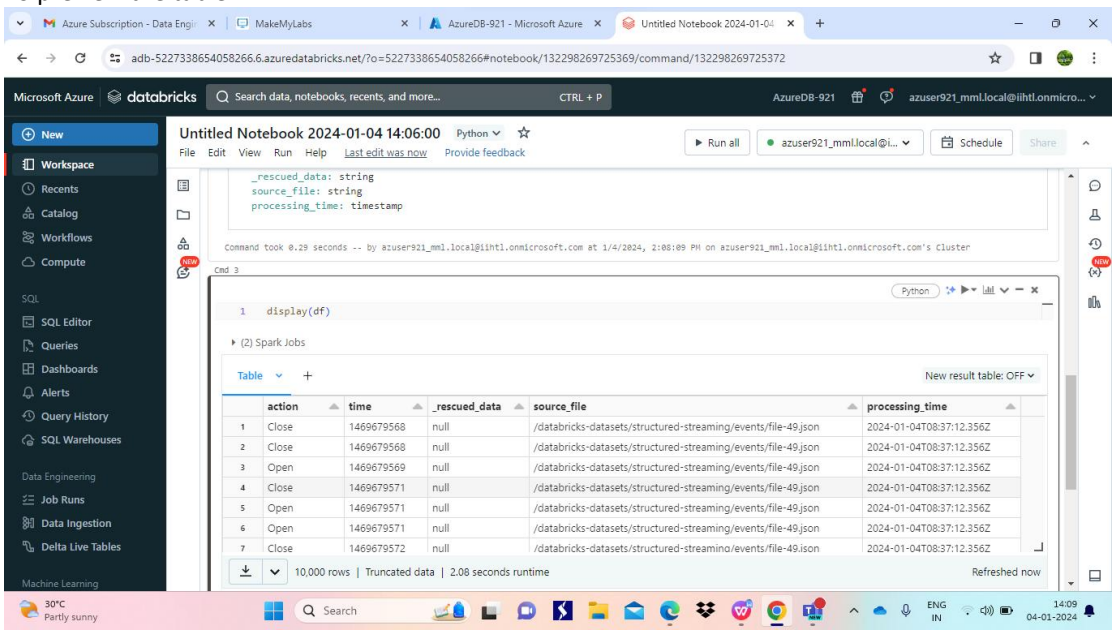
Configuring autoloader to ingest data to delta lake



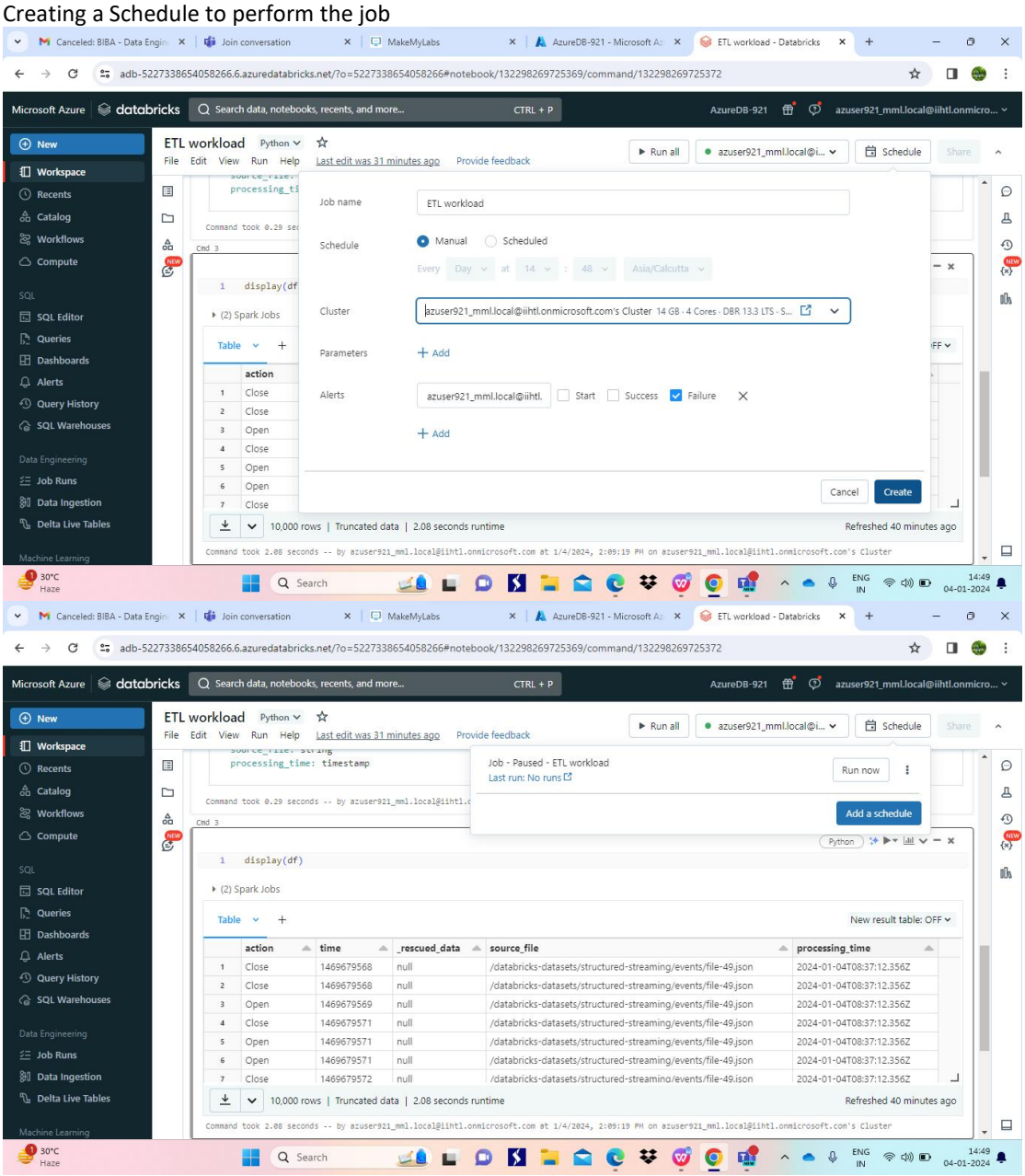
To query the table that was just created

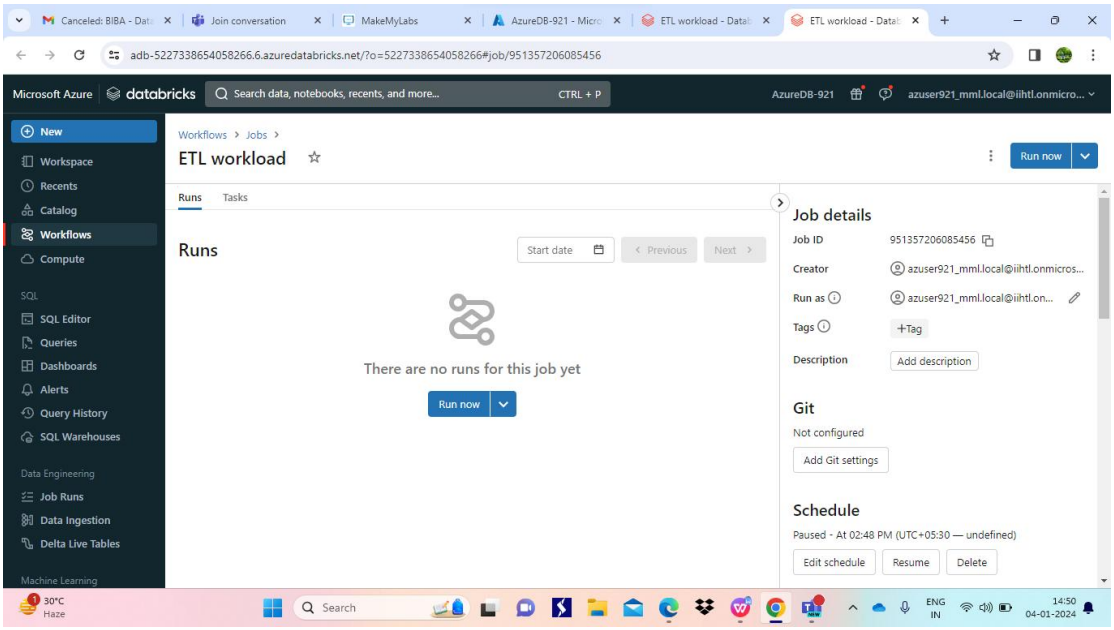


To preview the table

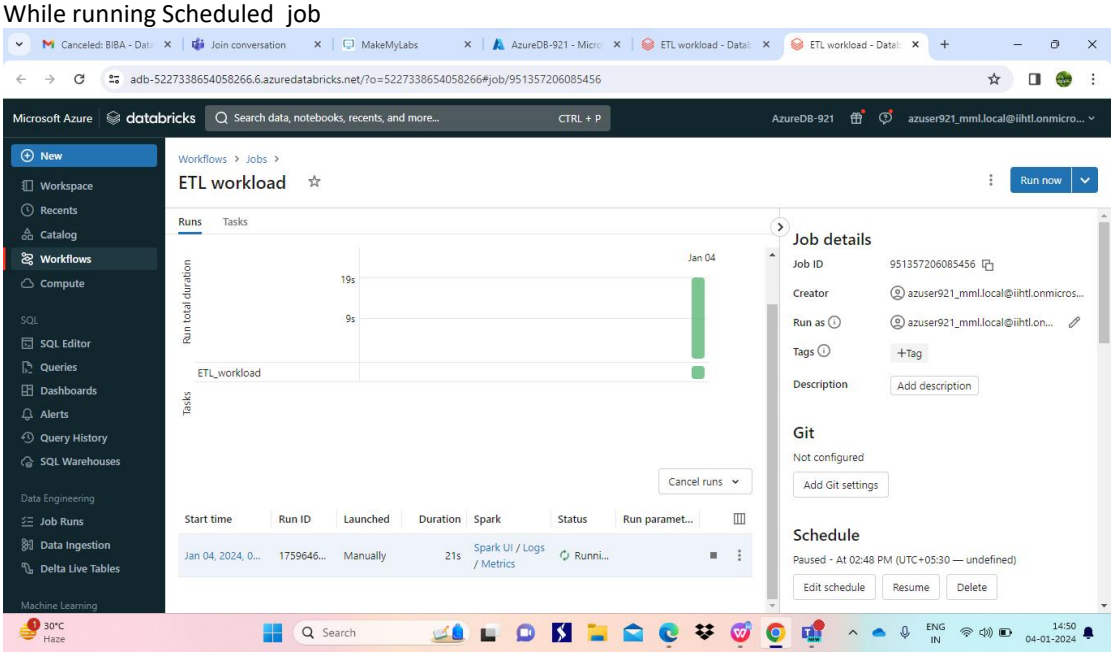


Creating a Schedule to perform the job





While running Scheduled job



After successful run of scheduled job