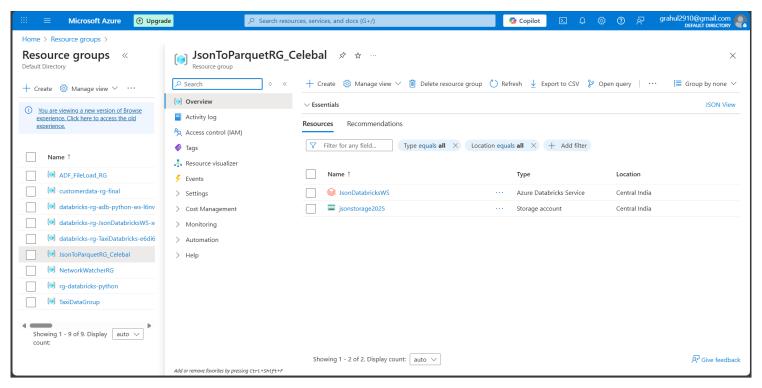
Flatten Nested JSON and Write as External Parquet Table

1. Azure Environment Setup

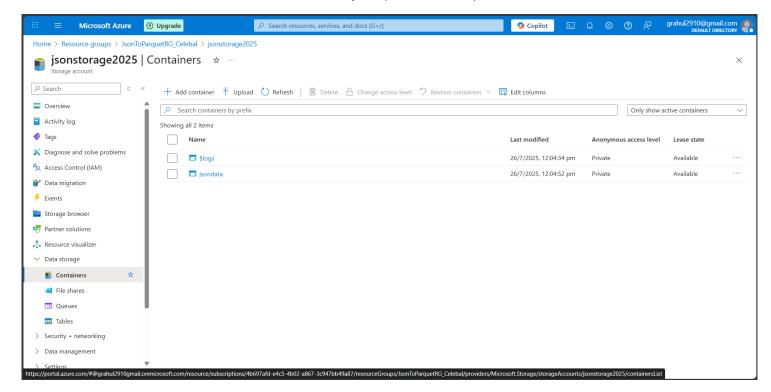
1. Created a Resource Group

o Name: JsonResourceGroup



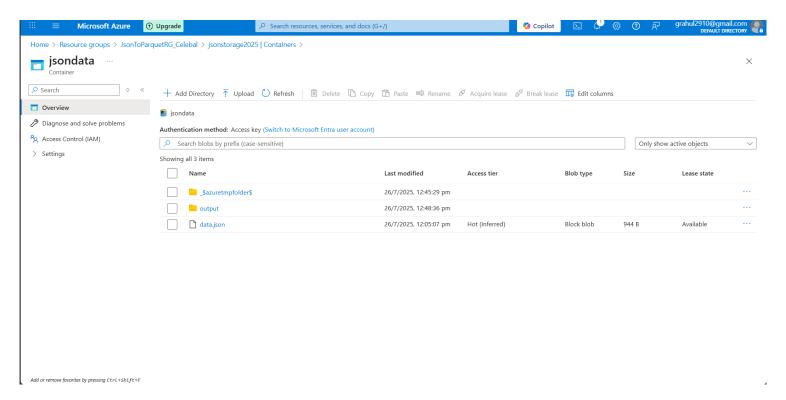
2. Created an Azure Storage Account

- Name: jsonstorage2025
- o Enabled Hierarchical Namespace (for ADLS Gen2)



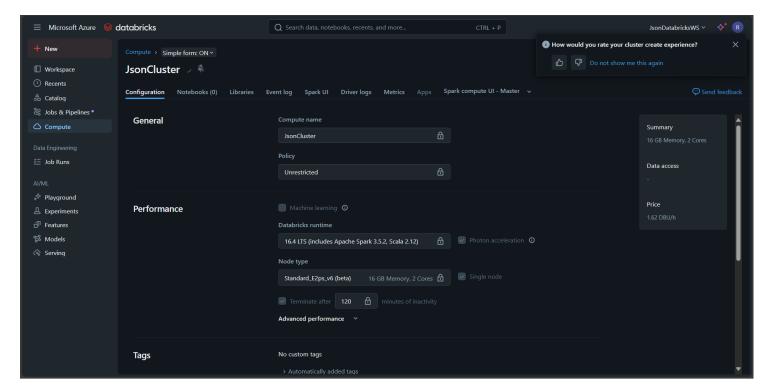
3. Created a Container in the Storage Account

- Container name: jsondata
- Uploaded a nested JSON file (e.g., sample_nested.json)



4. Created an Azure Databricks Workspace

Name: JsonWorkspace2025



5. Created a Databricks Cluster

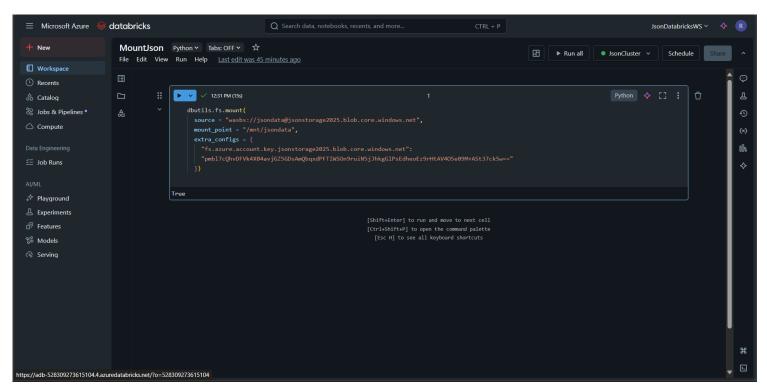
o Name: JsonCluster

6. Created a Notebook

Name: Flatten_JSON_Notebook

2. Access Storage from Databricks

- 1. Generated a SAS Token or Access Key for authentication
- 2. Mounted the ADLS Gen2 container



3. Flatten the JSON Structure

Used pyspark.sql.functions to flatten the nested fields:

