

# Experiment 6

## Querying data in S3 with Amazon Athena

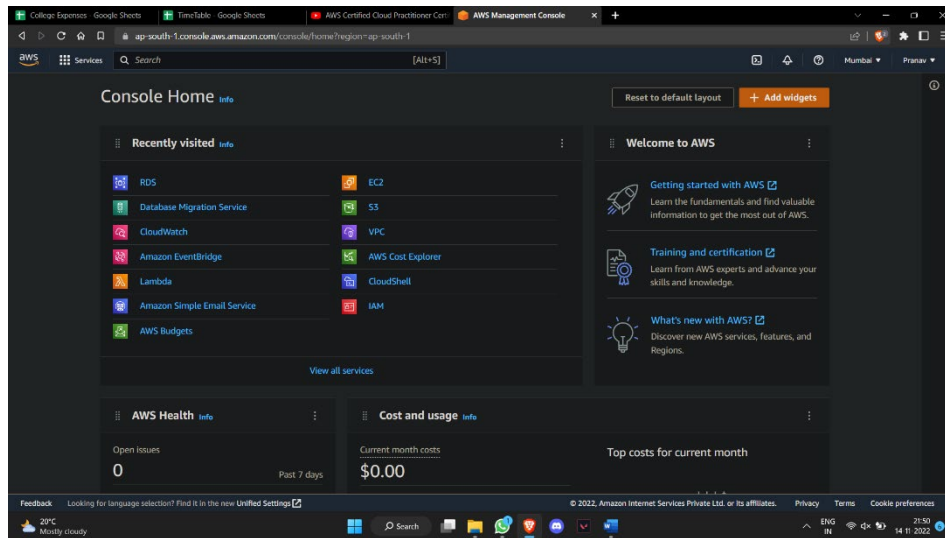
Name : Pranav Yadav

Reg No : RA2011028010079

**Aim:** Querying Data in S3 with Amazon Athena

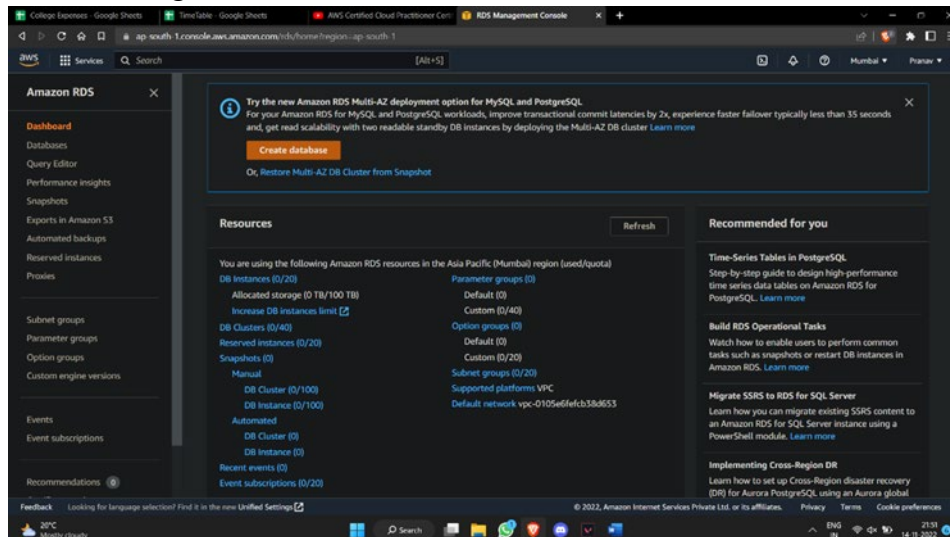
**Step 1:**

Go to buckets and create two buckets.



**Step 2 :**

After clicking onto the bucket add files to it.



Step 3 :

Now go to Amazon athena.

Step 4 :

Select AwsDataCatalog in the left side which is present in the data source tab.

Step 5 :

After that go to settings and specify an output path.

Step 6:

Click on connect data source.

Step 7:

After clicking choose a query in amazon s3 and Aws glue data catalog.

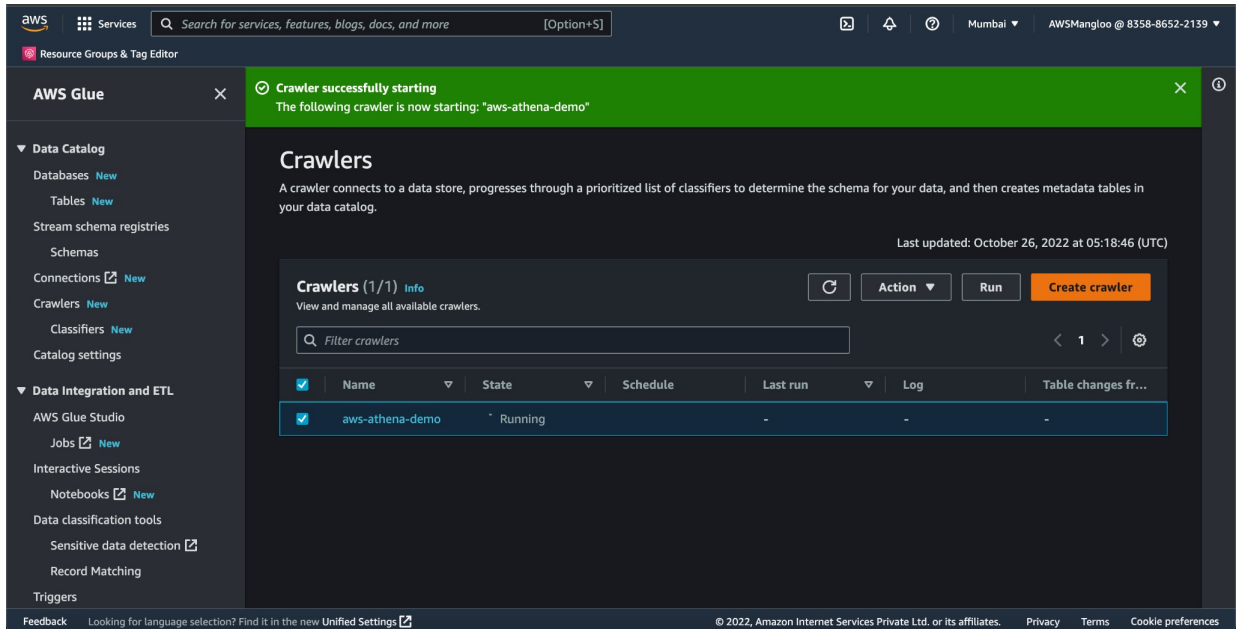
Step 8:

Click on next and select setup a crawler in AWS glue to retrieve schema information automatically.

Step 9: After selecting that it will redirect to a new page and add crawler and follow below steps to add a new crawler after setting up click on finish.

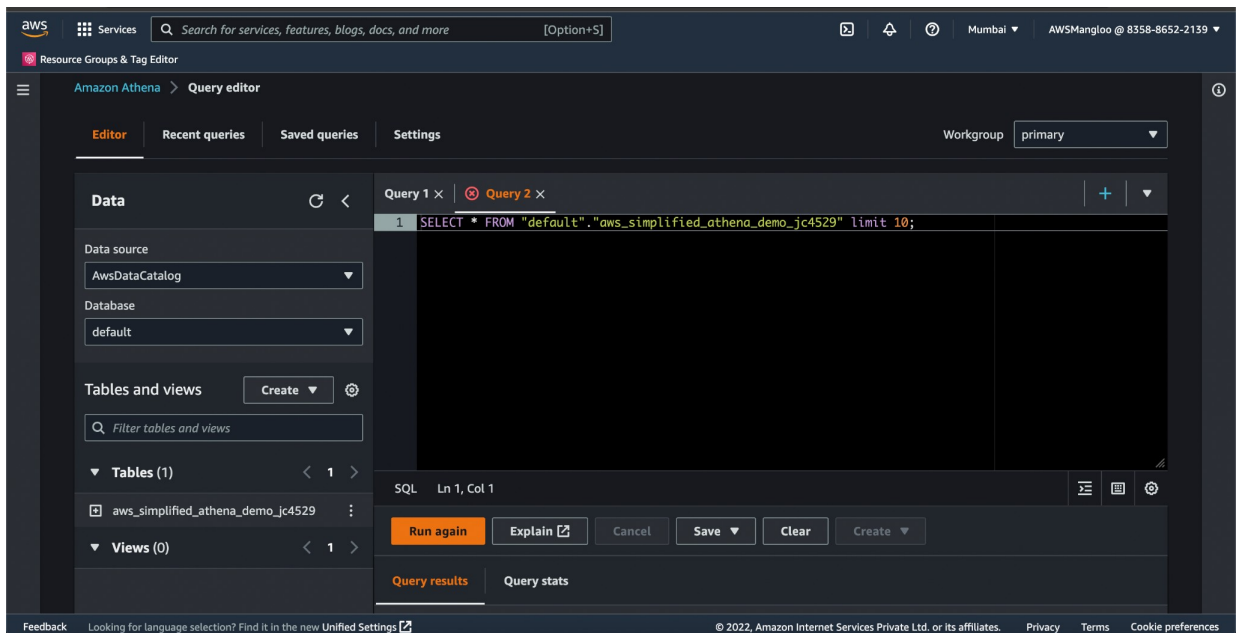
Step 10:

Crawler is successfully created and now click on the crawler and click run crawler.



Step 11:

After running the crawler go back to athena you will see a table created on table column select that and click on preview table.



Step 12:

Now the query can be executed.

Amazon S3 > Buckets > aws-simplified-results-jc4529

## aws-simplified-results-jc4529

Objects (1)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

[Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#)

[Upload](#)

Find objects by prefix

| <input type="checkbox"/> | Name     | Type   | Last modified | Size | Storage class |
|--------------------------|----------|--------|---------------|------|---------------|
| <input type="checkbox"/> | Unsaved/ | Folder | -             | -    | -             |

Amazon S3 > Buckets > aws-simplified-results-jc4529 > Unsaved/ > 2022/ > 10/ > 26/

## 26/

[Copy S3 URI](#)

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[Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#)

[Upload](#)

Find objects by prefix

| <input type="checkbox"/> | Name                                     | Type | Last modified                          | Size | Storage class |
|--------------------------|--|------|--|------|---------------|
| <input type="checkbox"/> | ecbba7fa-af42-4279-a791-c8fc061d42c0.txt | txt  | October 26, 2022, 10:54:35 (UTC+05:30) | 0 B  | Standard      |

**Result :**

Querying Data in S3 with Amazon Athena is done and output is verified.