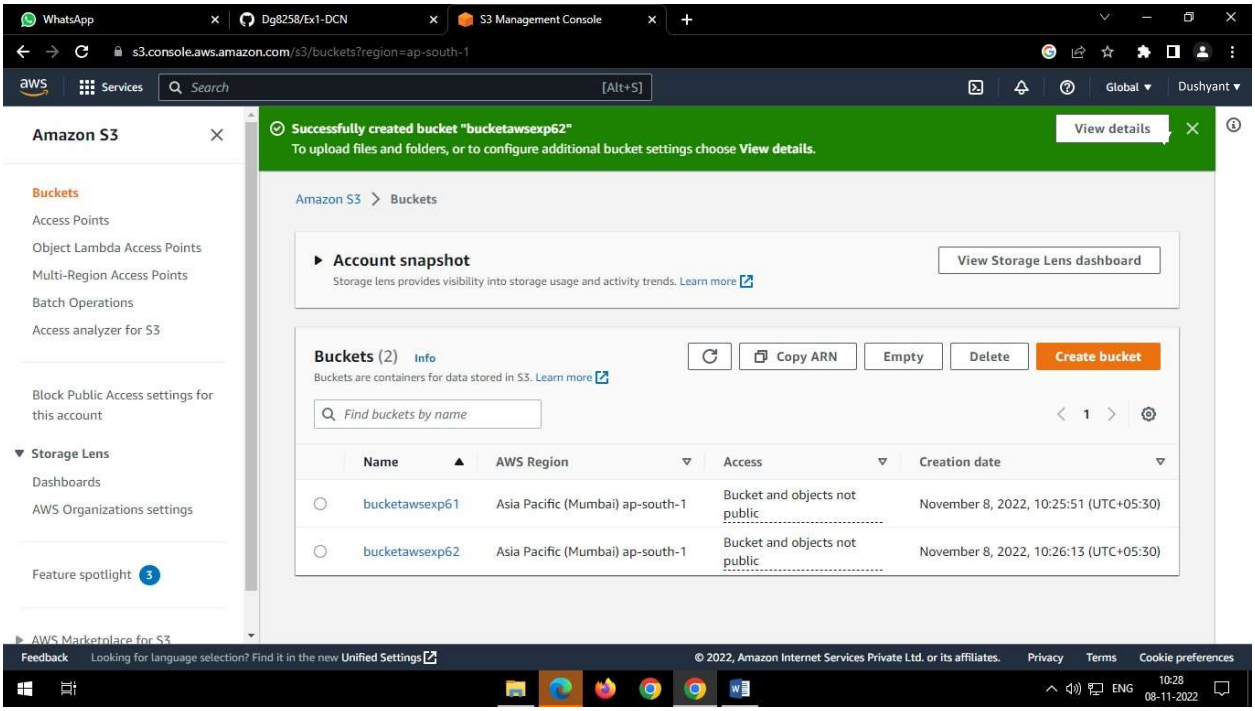
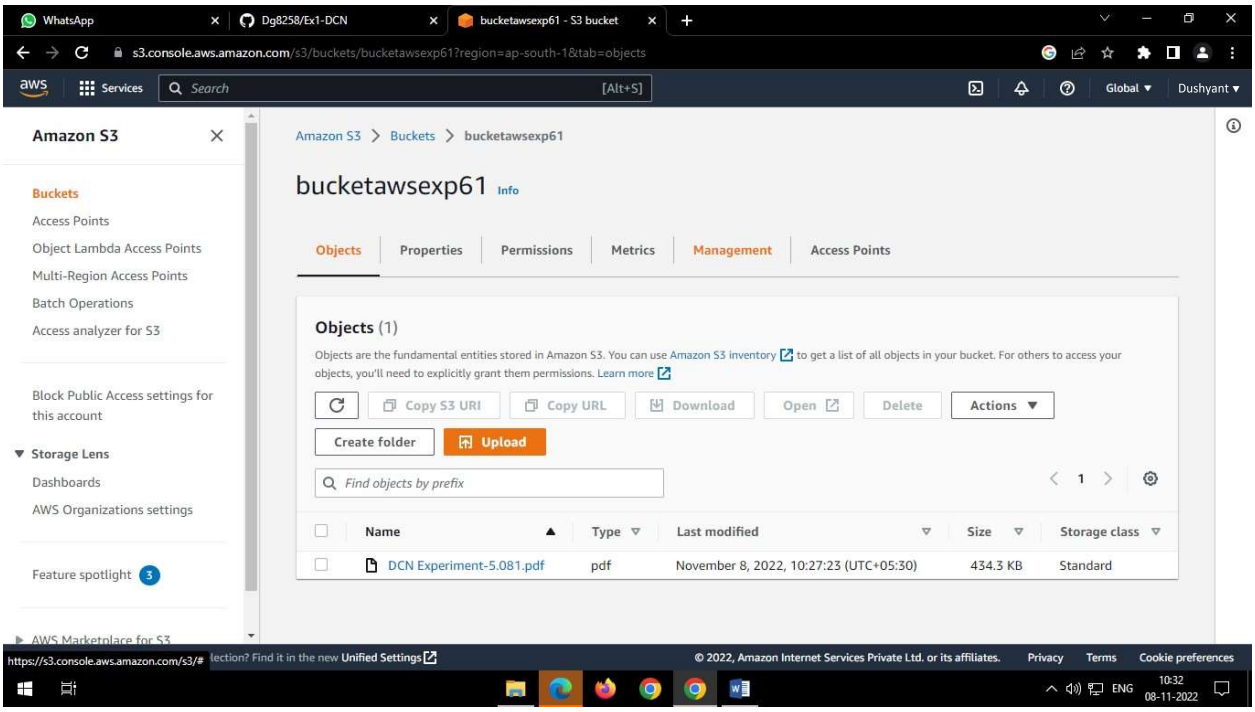
EXP NO : 6 Querying Data in S3 with Amazon Athena
Dushyant Rao RA2011028010106

Aim: Querying Data in S3 with Amazon Athena

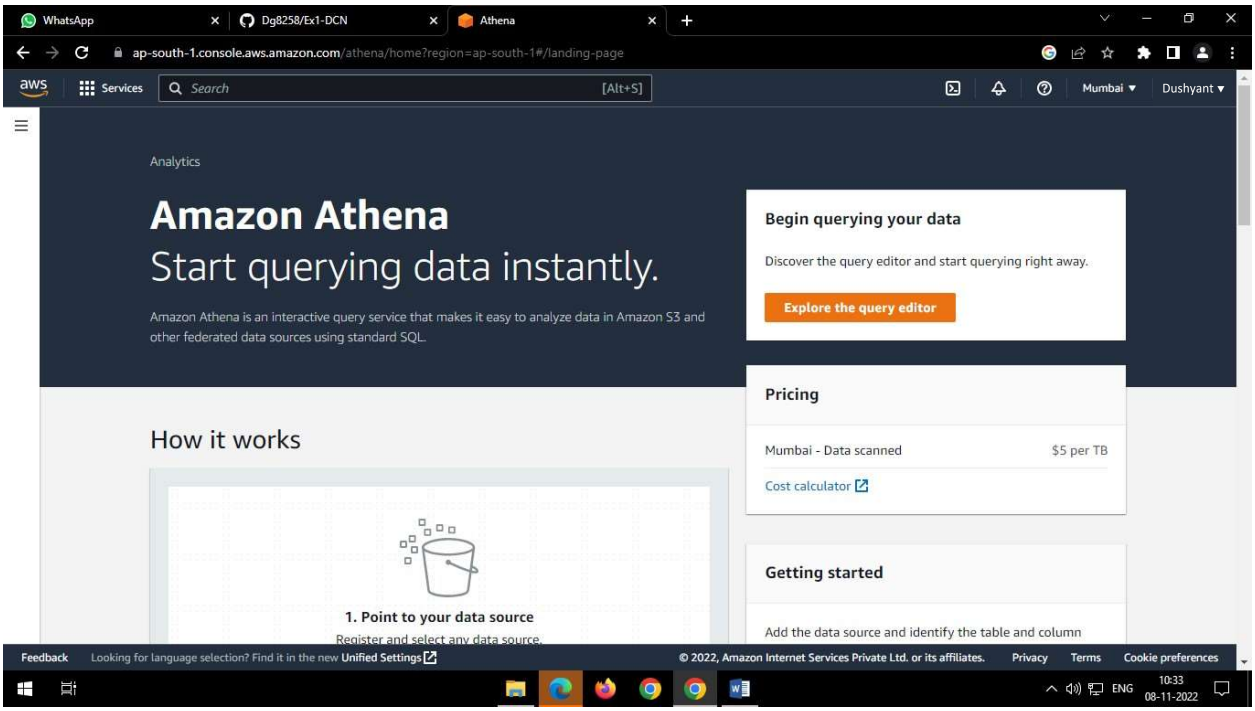
Step 1:
Go to buckets and create two buckets.



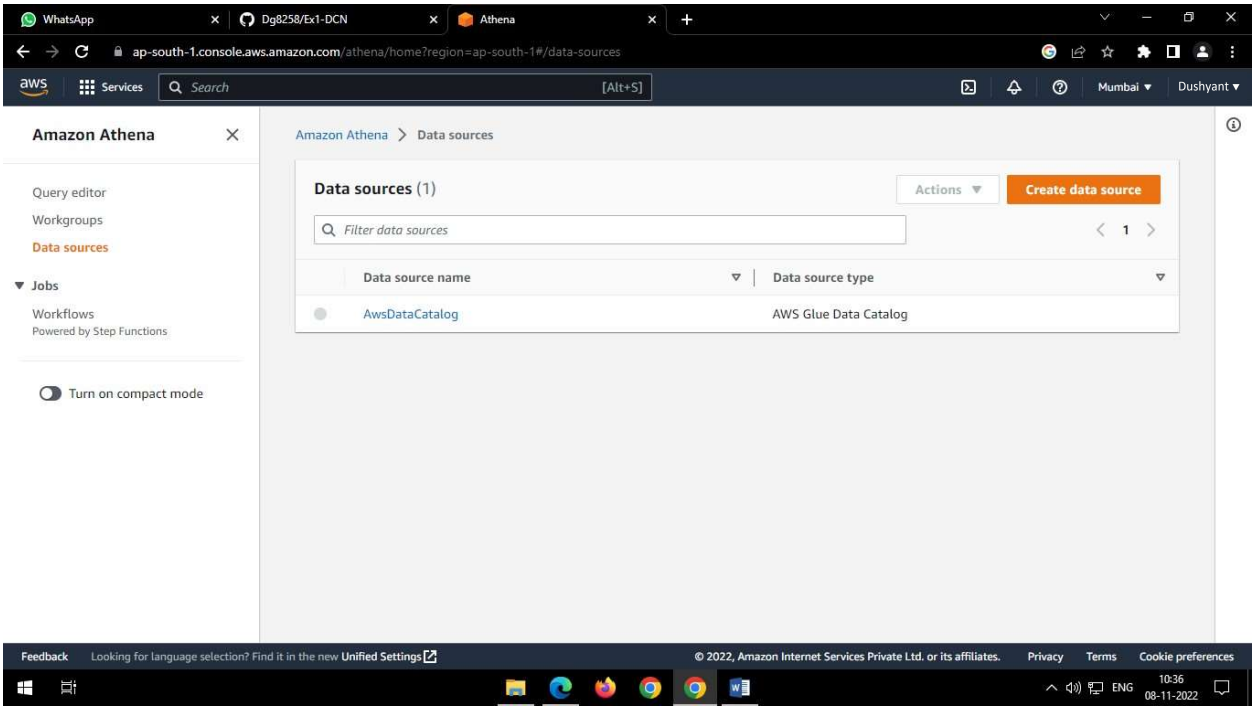
Step 2 :
After clicking onto the bucket add files to it.



Step 3 : Now go to Amazon athena.

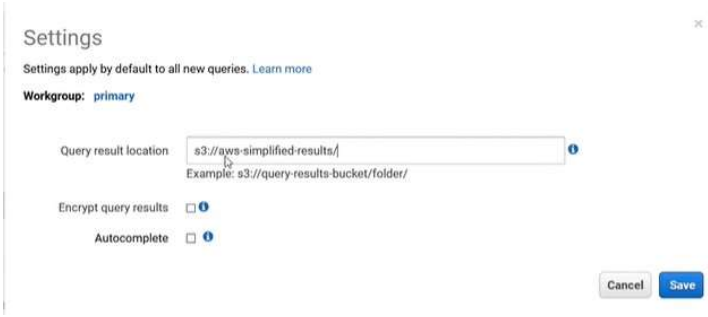


Step 4 :
Select AwsDataCatalog in the left side which is present in the data source tab.

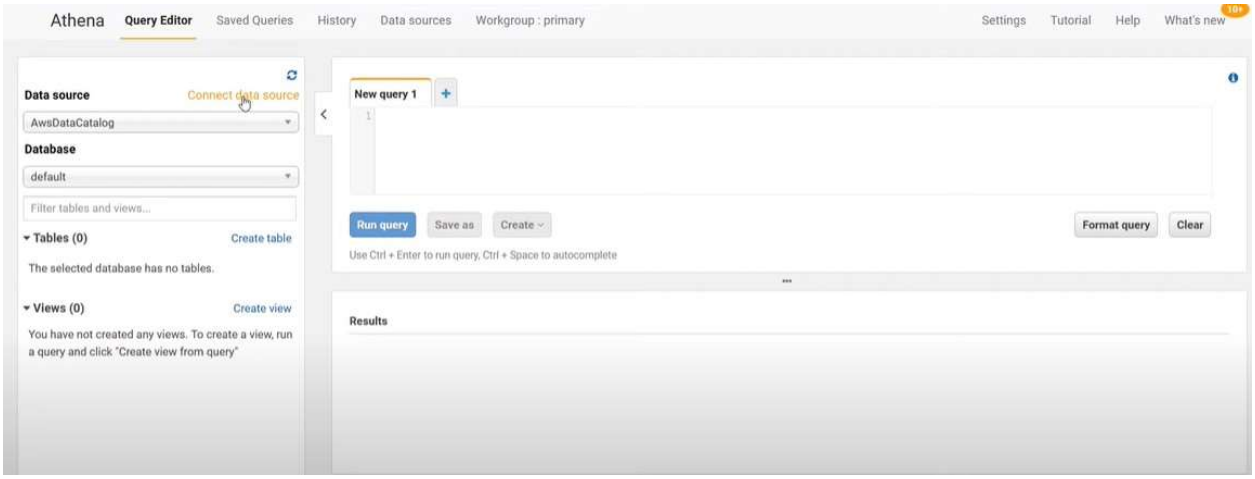


Step 5 :

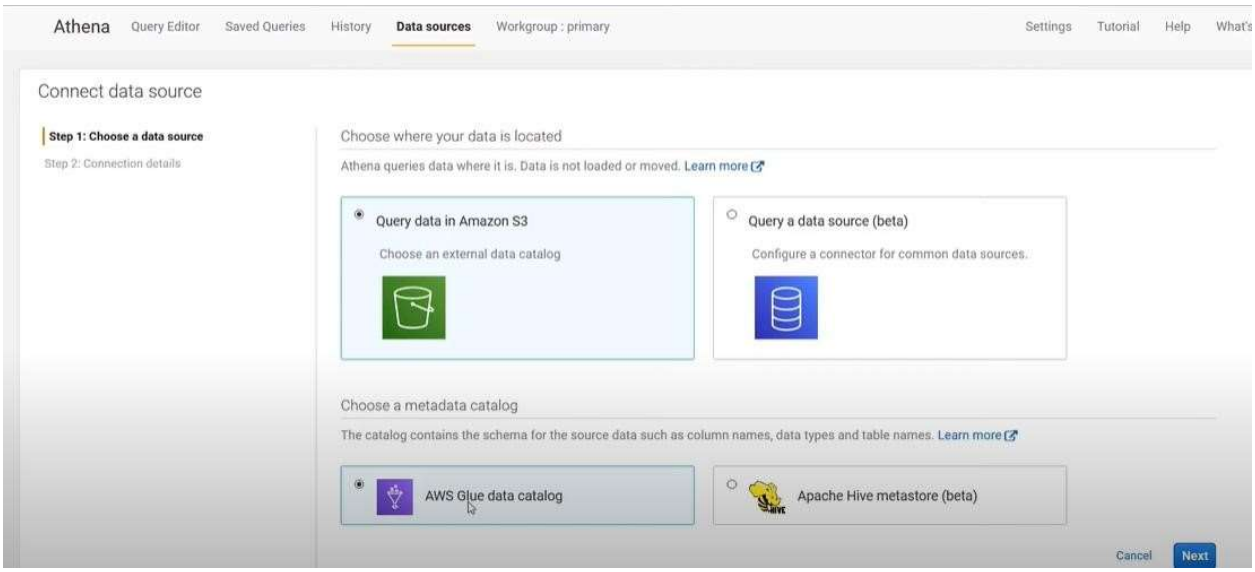
After that go to settings and specify an output path.



Step 6:
Click on connect data source.

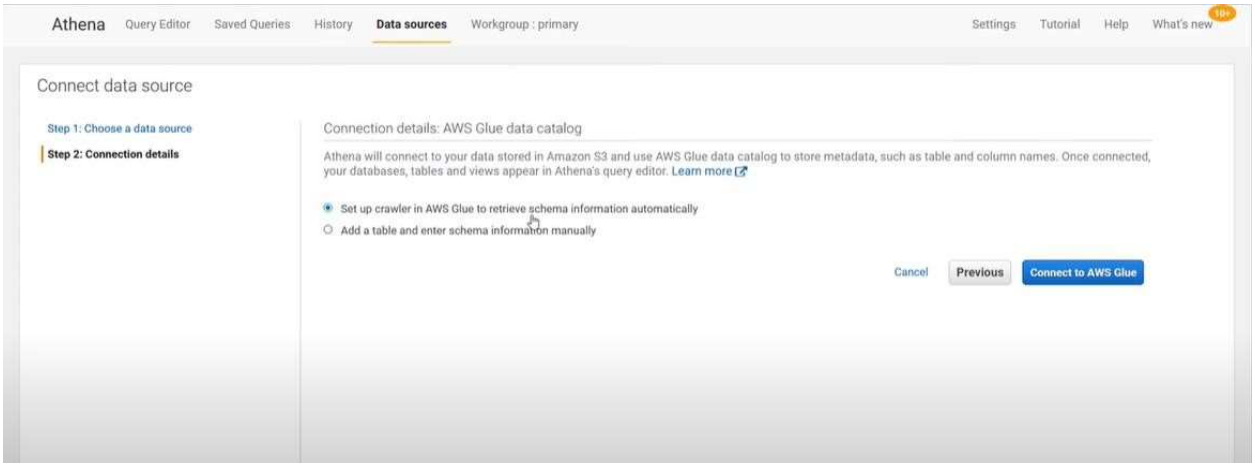


Step 7:
After clicking choose a query in amazon s3 and Aws glue data catalog.



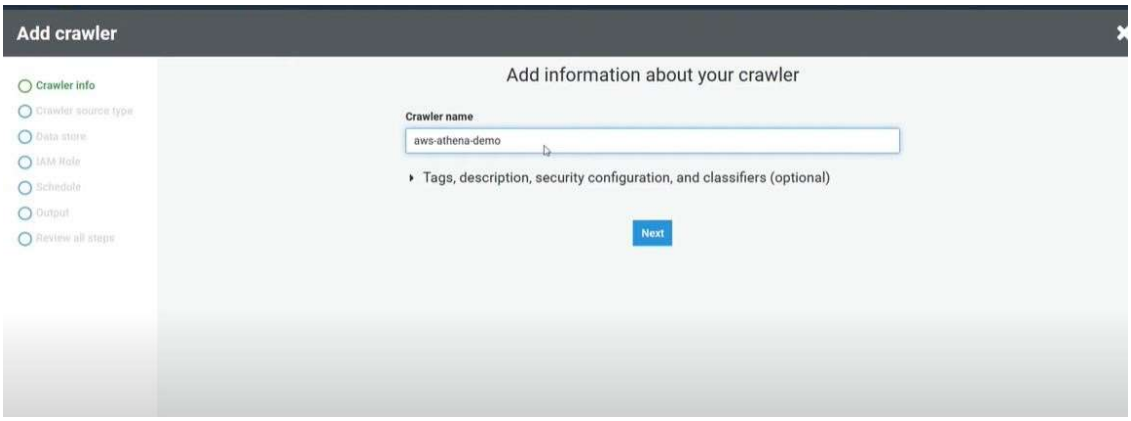
Step 8:

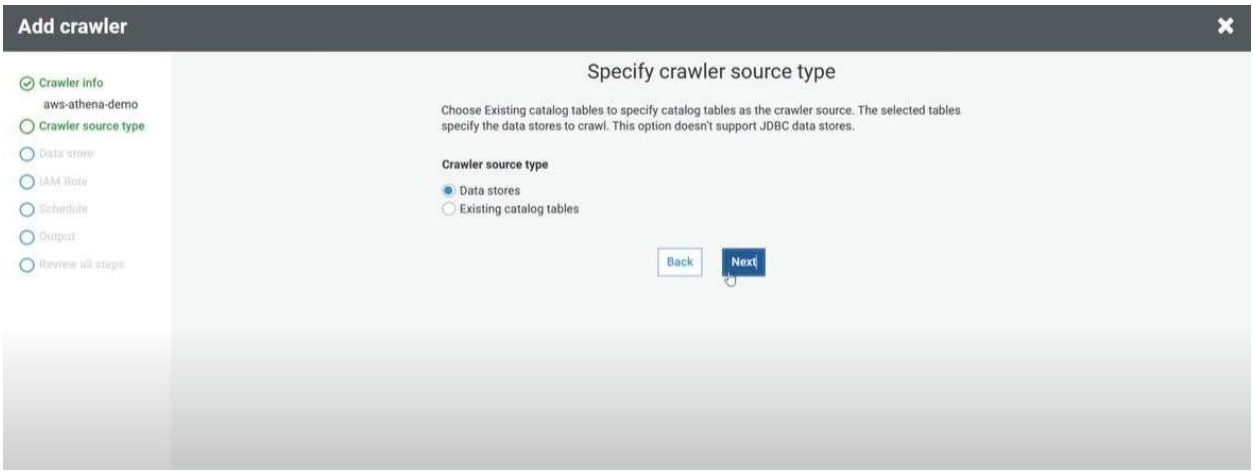
Click on next and select setup a crawler in AWS glue to retrieve schema information automatically.

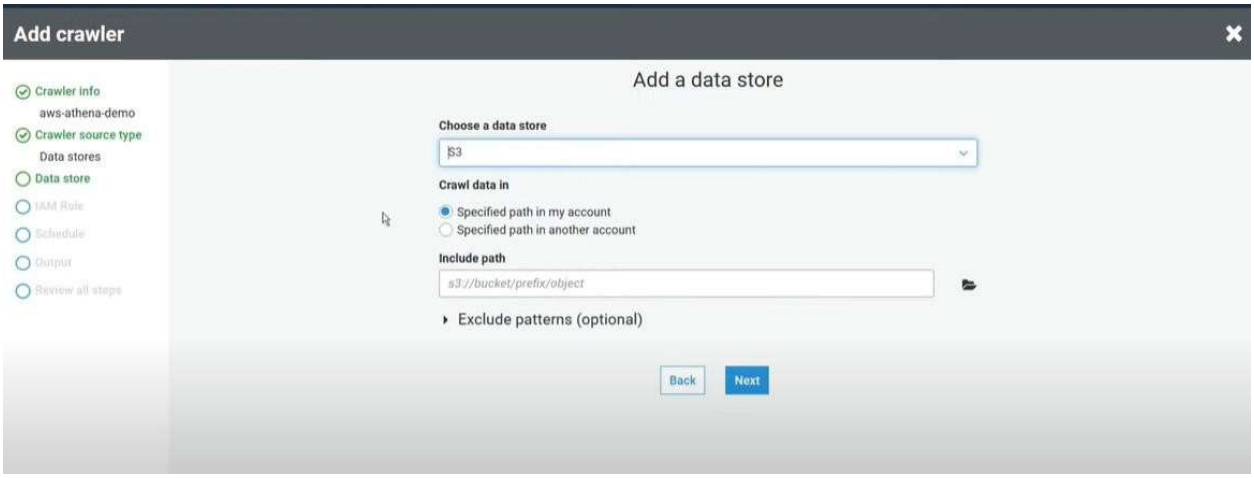


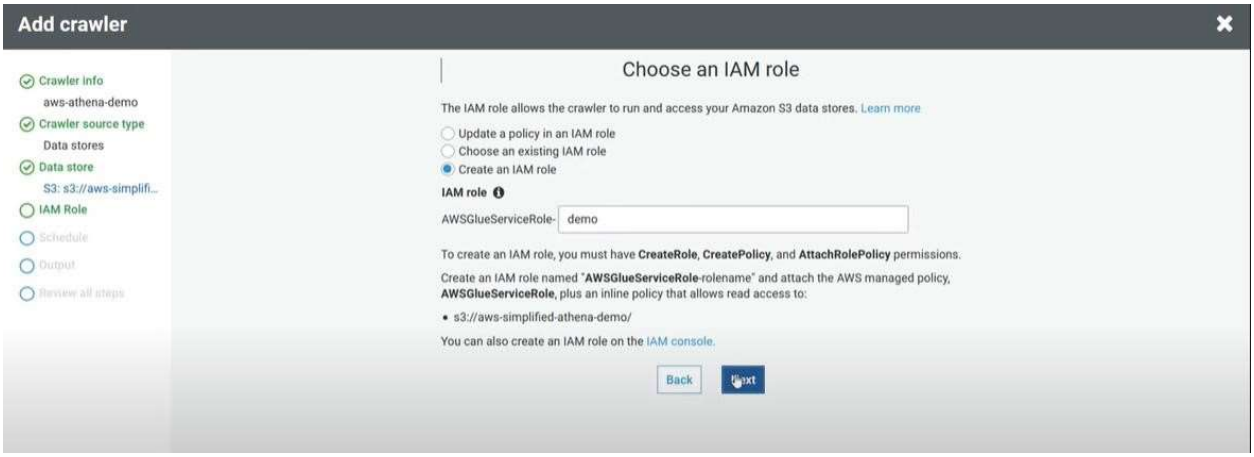
Step 9:

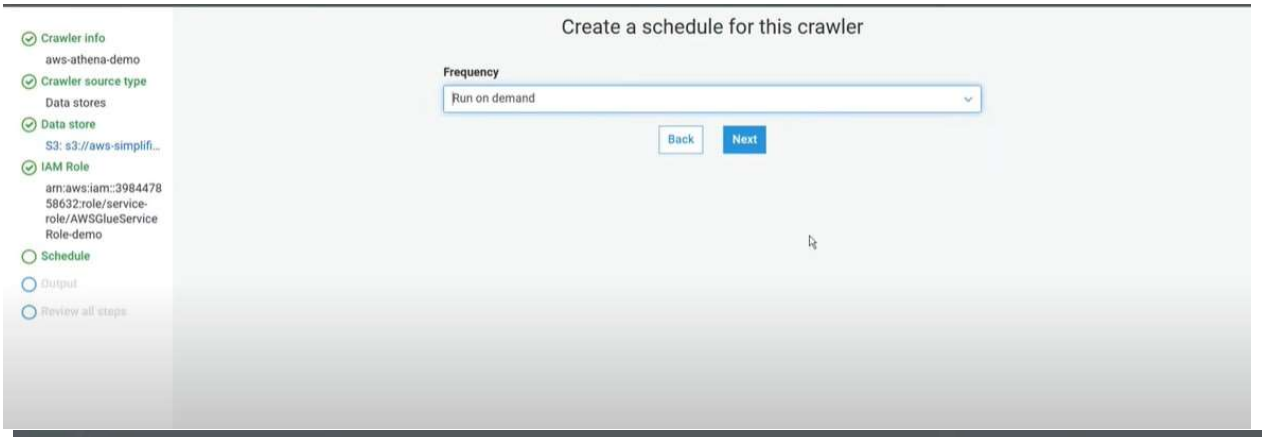
After selecting that it will redirect to a new page and add crawler and follow below steps to add a new crawler after setting up click on finish.


Add crawler
Crawler info
Crawler source type
Data store
IAM Role
Schedule
Output
Review all steps
Add information about your crawler
Crawler name
aws-athena-demo
Tags, description, security configuration, and classifiers (optional)
Next


Add crawler
Crawler info
aws-athena-demo
Crawler source type
Data store
IAM Role
Schedule
Output
Review all steps
Specify crawler source type
Choose Existing catalog tables to specify catalog tables as the crawler source. The selected tables specify the data stores to crawl. This option doesn't support JDBC data stores.
Crawler source type
Data stores
Existing catalog tables
Back
Next

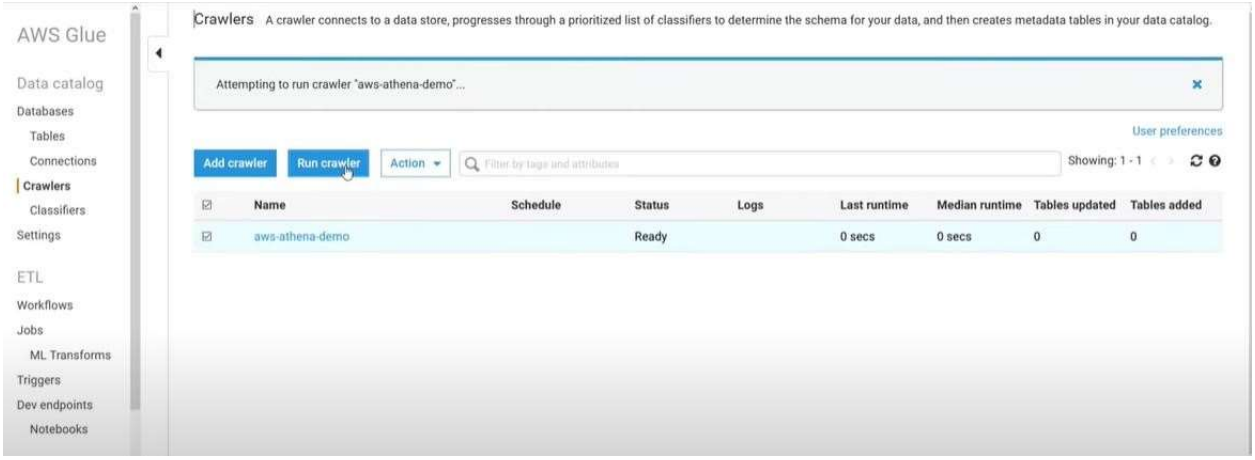

Add crawler
Crawler info
aws-athena-demo
Crawler source type
Data stores
Data store
IAM Role
Schedule
Output
Review all steps
Add a data store
Choose a data store
S3
Crawl data in
Specified path in my account
Specified path in another account
Include path
s3://bucket/prefix/object
Exclude patterns (optional)
Back
Next





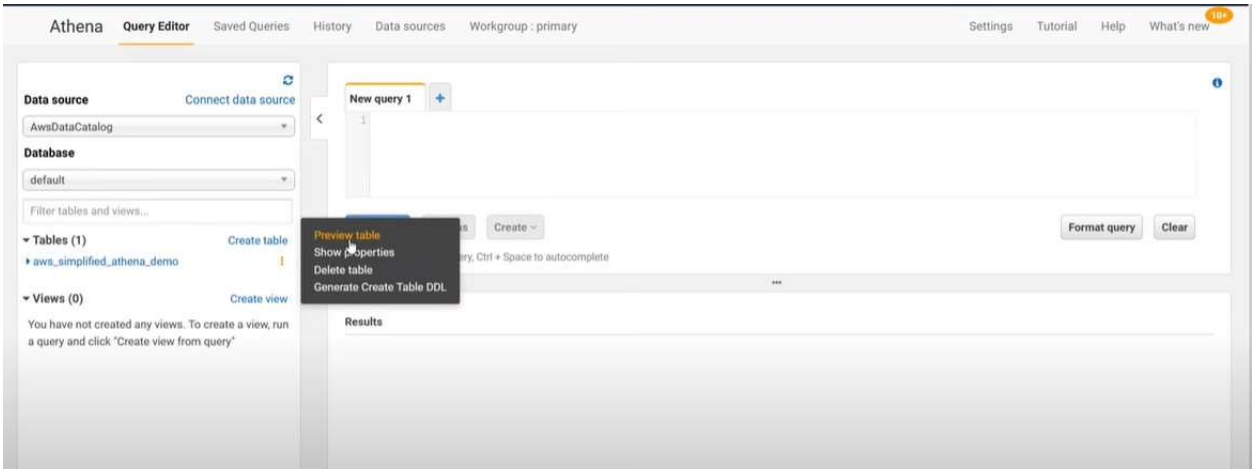
Step 10:

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.

Result :

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