

Create a Glue catalog table corresponding to the output generated in Exercise 1. Now, in Athena, query the number of records in this table, and ensure that you get 10 records. You should also be able to query the complete content of the records using "select \* from <table\_name>" query.

### **Title - Creating Glue Catalog Table and Querying Data in Athena**

**Objective** - This exercise aims to create a Glue catalog table corresponding to the output generated in the previous Exercise, which processed the Wikiticker data and applied filters. The exercise requires creating a table to store the filtered data. Subsequently, you need to use Athena to query the number of records in the table and ensure that the count is 10. Additionally, you should be able to query the complete content of the records using the "SELECT \* FROM <table\_name>" query.

### **Tasks to Perform:**

1. Create a Glue catalog table corresponding to the output generated in Exercise 1.
2. Define the table schema and mapping to match the filtered data structure.
3. Load the filtered data into the Glue catalog table.
4. Access Athena and execute a query to determine the number of records in the table.
5. Verify that the count of records returned by the query is 10.
6. Execute the "SELECT \* FROM <table\_name>" query to retrieve the complete content of the records.

### **Learning Take Aways:**

- Understanding of creating a Glue catalog table and defining its schema.
- Knowledge of loading data into the Glue catalog table.
- Familiarity with querying data in Athena using SQL syntax.
- Practice in verifying record counts in Athena queries.
- Experience in retrieving complete record content using Athena queries.

SOL

53 EC2 EMR Athena QuickSight AWS Glue

Editor Recent queries Saved queries Settings Workgroup primary

**Data**

Data source  
AwsDataCatalog

Database  
p2\_projectpro

Tables and views [Create](#)

Filter tables and views

▼ **Tables (1)** < 1 >

⊞ p2\_projectpro

► **Views (0)** < 1 >

Query 1 : X Query 2 : X **Query 3 : X** Query 4 : X

```
1 select count(*) from p2_projectpro;
2 select * from p2_projectpro limit 10;
```

SQL Ln 2, Col 39

[Run](#) [Explain](#) [Cancel](#) [Clear](#) [Create](#)

☐ Reuse query results  
\*Athena engine version 3 only

[Query results](#) [Query stats](#)

Completed Time in queue: 118 ms Run time: 431 ms Data scanned: 6.69 KB