

I have completed the **Batch Time Analysis of Transactional Data** project in Big Data on AWS course.

Here is my proof:

The screenshot displays the AWS Glue console interface. The top navigation bar includes the AWS logo, a 'Services' menu, a search bar, and user information for 'Corestack_Role/grys1cm_gmail @ 4728-9339-98'. The main interface is divided into a left sidebar and a right content area. The sidebar contains tabs for 'Editor', 'Recent queries', 'Saved queries', and 'Settings'. The 'Editor' tab is active, showing a 'Data' section with 'Data Source' set to 'AwsDataCatalog' and 'Database' set to 'transactionalbucket'. Below this, the 'Tables and views' section lists 'transactionalbucketbigawsproject' under 'Tables (1)'. The right content area shows 'Query 1' with a SQL statement:

```
1 select "description","country",
2 sum("quantity") as sumdata from
3 transactionalbucketbigawsproject group by
  "description","country" order by sumdata
  DESC limit 1;
```

 Below the query editor, there are buttons for 'Run again', 'Cancel', 'Save', and 'Clear'. A green status bar indicates 'Completed' with a checkmark, showing 'Time in queue: 0.121 sec', 'Run time: 1.244 sec', and 'Data scanned: 89.43 MB'. At the bottom, the 'Results (1)' section has a 'Copy' button and a 'Download results' button, along with a search bar for 'Search rows'.

Amazon Athena > Query editor

Editor Recent queries Saved queries Settings Workgroup primary

Data

Data Source: AwsDataCatalog

Database: transactionalbucket

Tables and views

transactionalbucketbigawsproject

Views (0)

Query 1 x Data check x

```
1 select "description","country",
2 sum("quantity") as sumdata from
3 transactionalbucketbigawsproject group by "description","country" order by sumdata DESC limit 1;
```

SQL Ln 1, Col 1

Run again Cancel Save Clear Create

Completed Time in queue: 0.121 sec Run time: 1.244 sec Data scanned: 89.43 MB

Results (1)

Search rows

#	description	country	sumdata
1	"WORLD WAR 2 GLIDERS ASSTD DESIGNS"	"United Kingdom"	48326

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aws Services Search for services, features, blogs, docs, and more [Option+S]

Data

Data Source: AwsDataCatalog

Database: transactionalbucket

Tables and views

transactionalbucketbigawsproject

Views (0)

Query 1 x Data check x

```
1 select * from transactionalbucketbigawsproject limit 5;
```

SQL Ln 1, Col 1

Run again Cancel Save Clear Create

Completed Time in queue: 0.129 sec Run time: 0.546 sec Data scanned: 729.69 KB

Results (5)

Search rows

#	invoiceno	stockcode	description	quantity	invoicedate
1	20220503_200441_00022_pxcyu"5				
2	hive" description" description2 varchar8 @H P "-				
3	hive" country" country2 varchar8 @H P "(

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Ohio

Corestack_Role/grys1cm_gmail @ 4728-9339-9836

Amazon Athena > Query editor

EditorRecent queriesSaved queriesSettings

Workgroupprimary

Data

Data Source

AwsDataCatalog

Database

transactionalbucket

Tables and views

Create

Filter tables and views

Tables (1)

transactionalbucketbigawsproject

Views (0)

Query 1 ×Data check ×

1select * from transactionalbucketbigawsproject limit 5;

2

SQLLn 1, Col 1

Run againCancelSaveClearCreate

CompletedTime in queue: 0.129 secRun time: 0.546 secData scanned: 729.69 KB

Results (5)

Search rows

#	invoiceno	stockcode	description	quantity	invoicedate	unitprice
1	20220503_200441_00022_pxcyu5					
2	hive" description" description2 varchar8 @H P ^-					
3	hive" country" country2 varchar8 @H P ^{					
4	hive" sumdata" sumdata2 bigint8 @H P					
5	""WORLD WAR 2 GLIDERS ASSTD DESIGNS""	""United Kingdom""	"48326"			

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Ohio

Corestack_Role/grys1cm_gmail @ 4728-9339-9836

Amazon Athena > Query editor

EditorRecent queriesSaved queriesSettings

Workgroupprimary

Recent queries (2)

Search recent queries

Execution ID	Query	Start time	Status	Run time
c05618af-7708-4f60-8e3b-39cf6d3b98a7	select * from transactionalbucketbigawsproject limit 5	2022-05-03T16:05:13.351-04:...	Completed	0.546 sec
c78f7078-3f78-4f9d-a509-ebab50bedd94	select "description","country", sum("quantity") as sumdata fro...	2022-05-03T16:04:41.166-04:...	Completed	1.244 sec