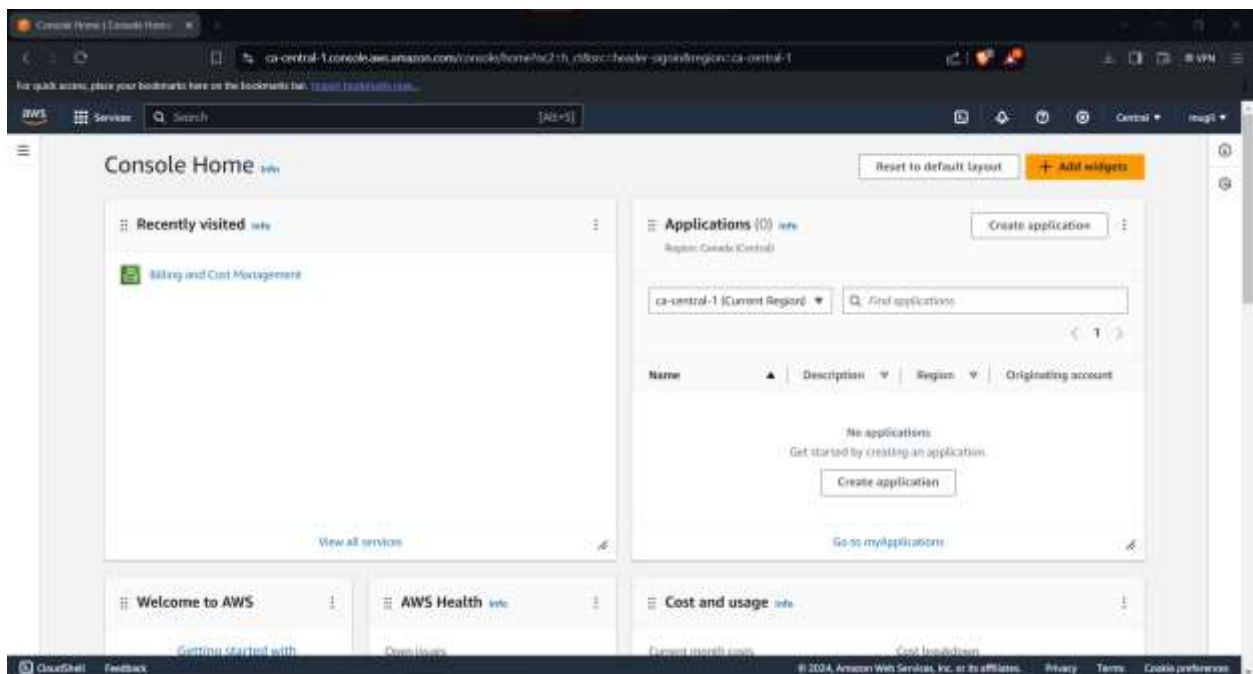


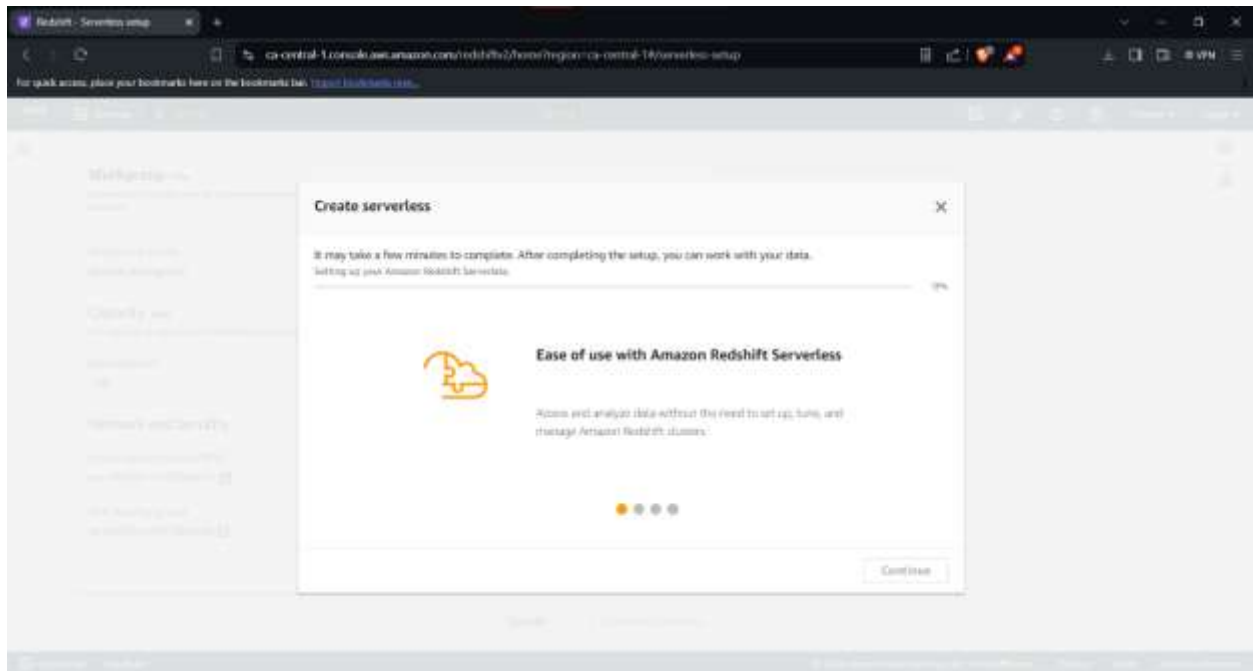
Amazon Redshift Serverless to create a data warehouse with Amazon Redshift Serverless and load in data from Amazon S3 following the three steps illustrated here:

- Signing up for AWS
- Creating a data warehouse with Amazon Redshift Serverless
- Loading in data from Amazon S3

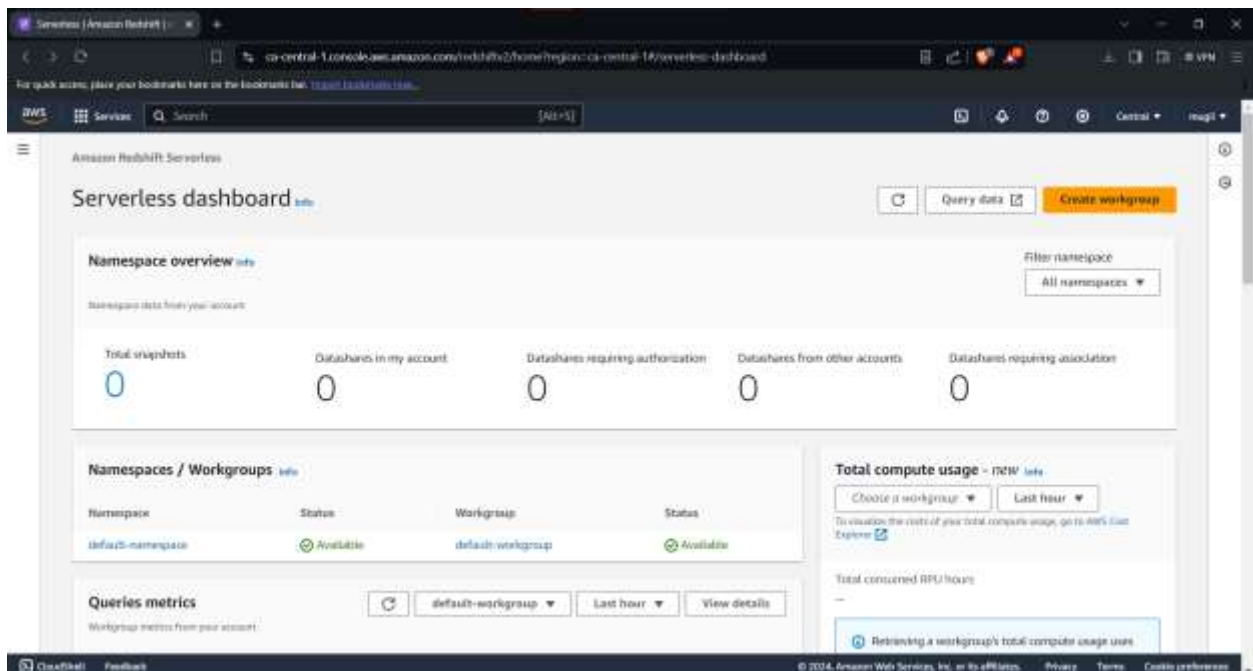
1. Signed up for AWS.



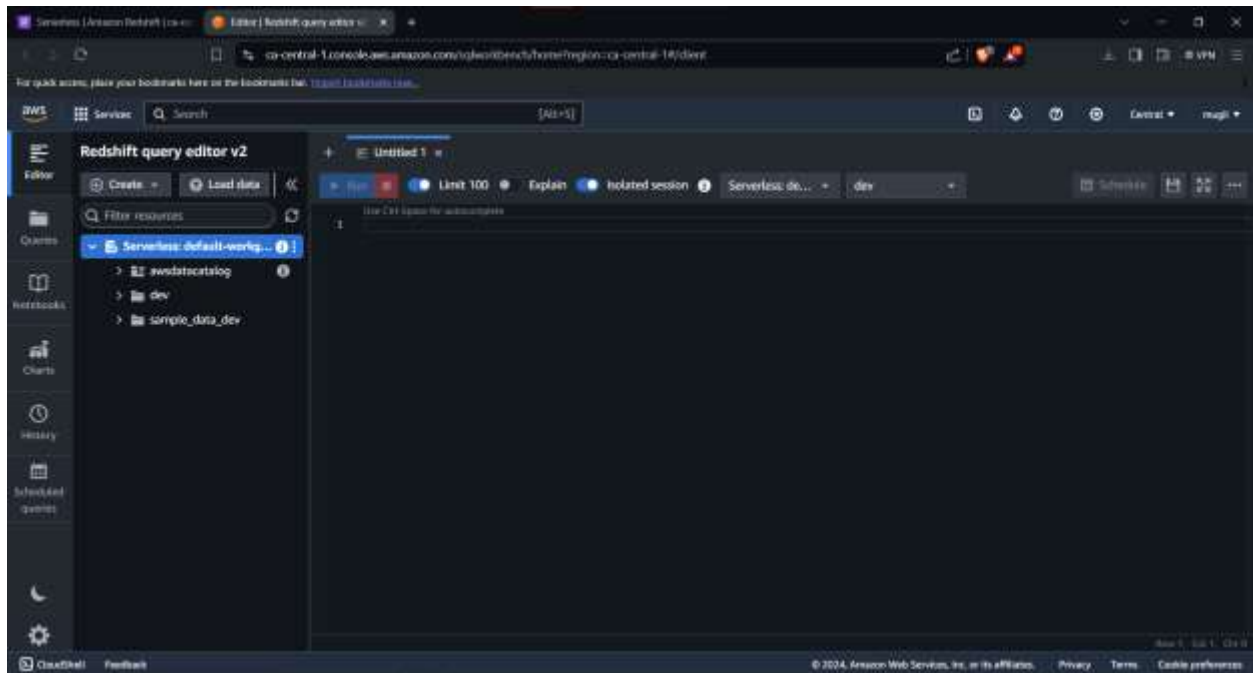
2. Creating Amazon Redshift Serverless warehouse.



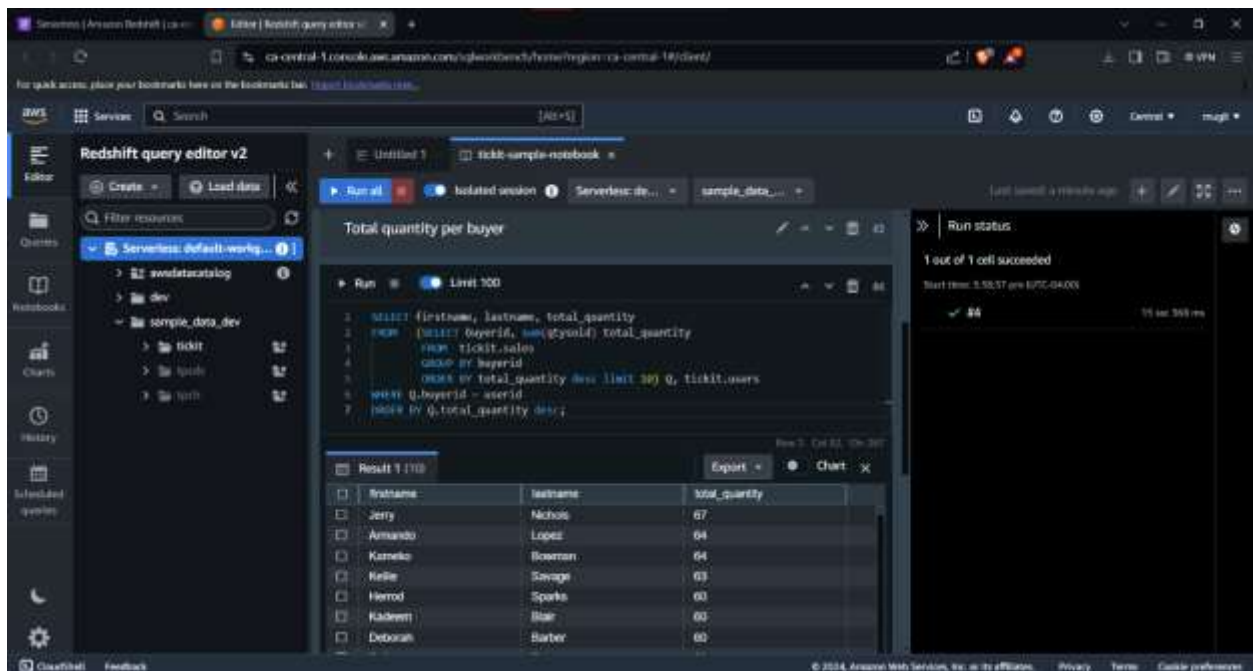
3. Amazon Redshift Serverless dashboard.



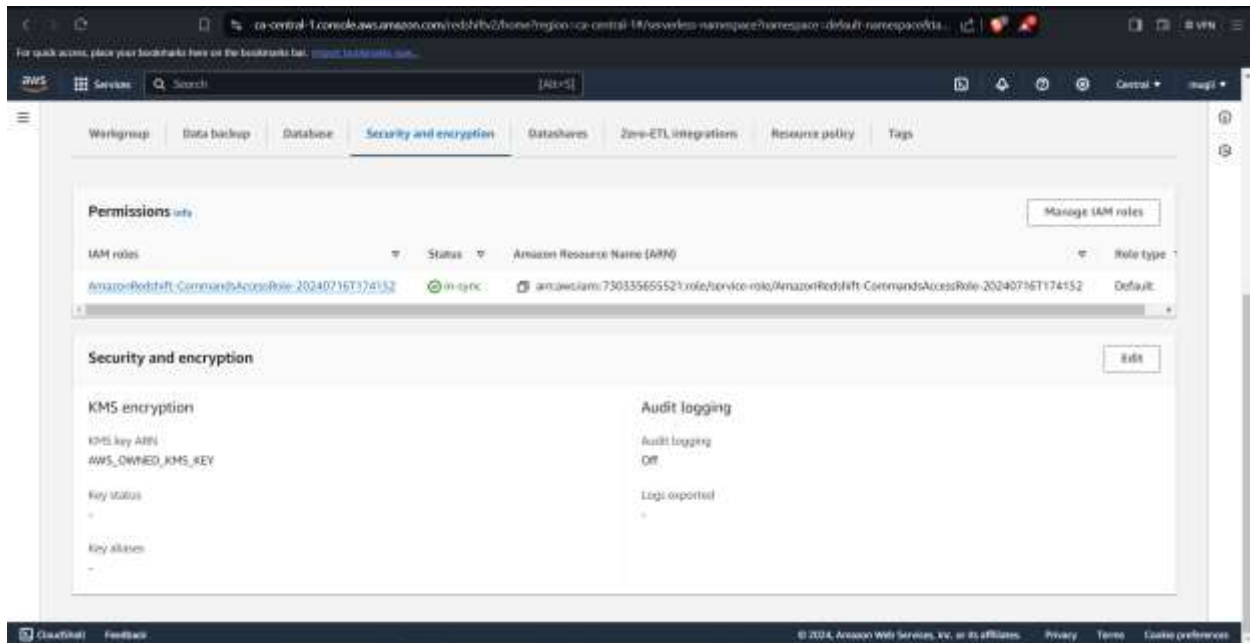
4. Setting up sample data on Redshift serverless using query editor.



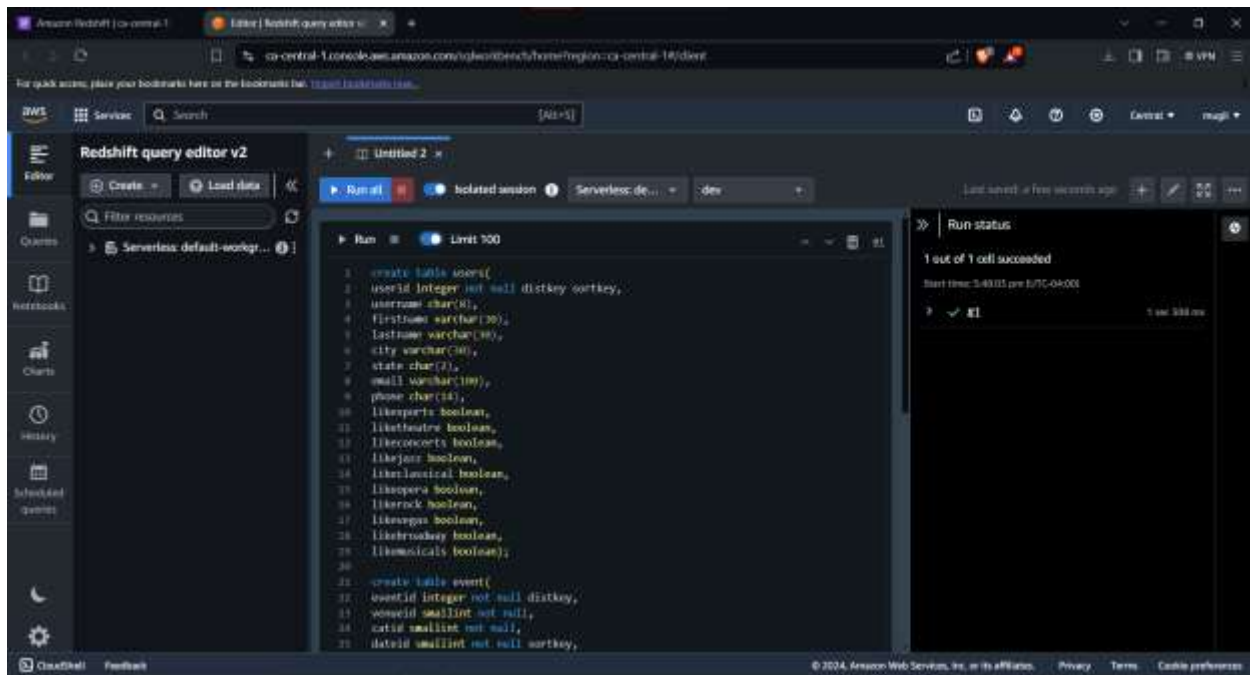
5. Running query to fetch the data.



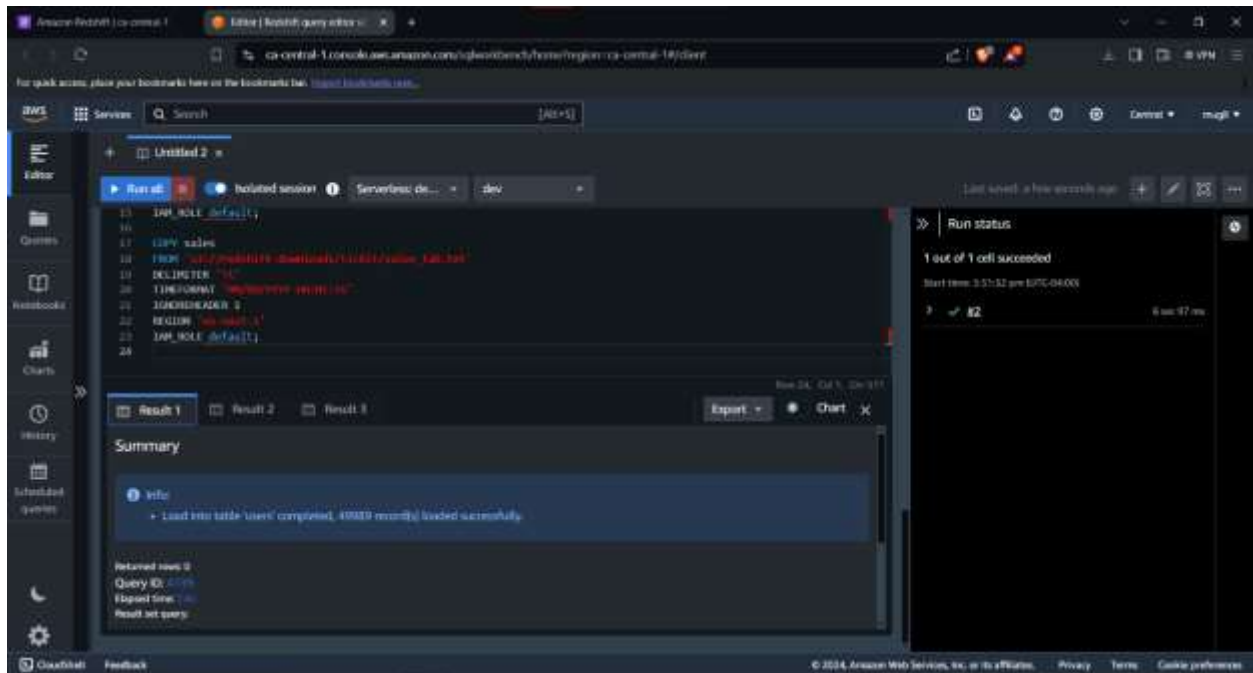
6. IAM permission setup.



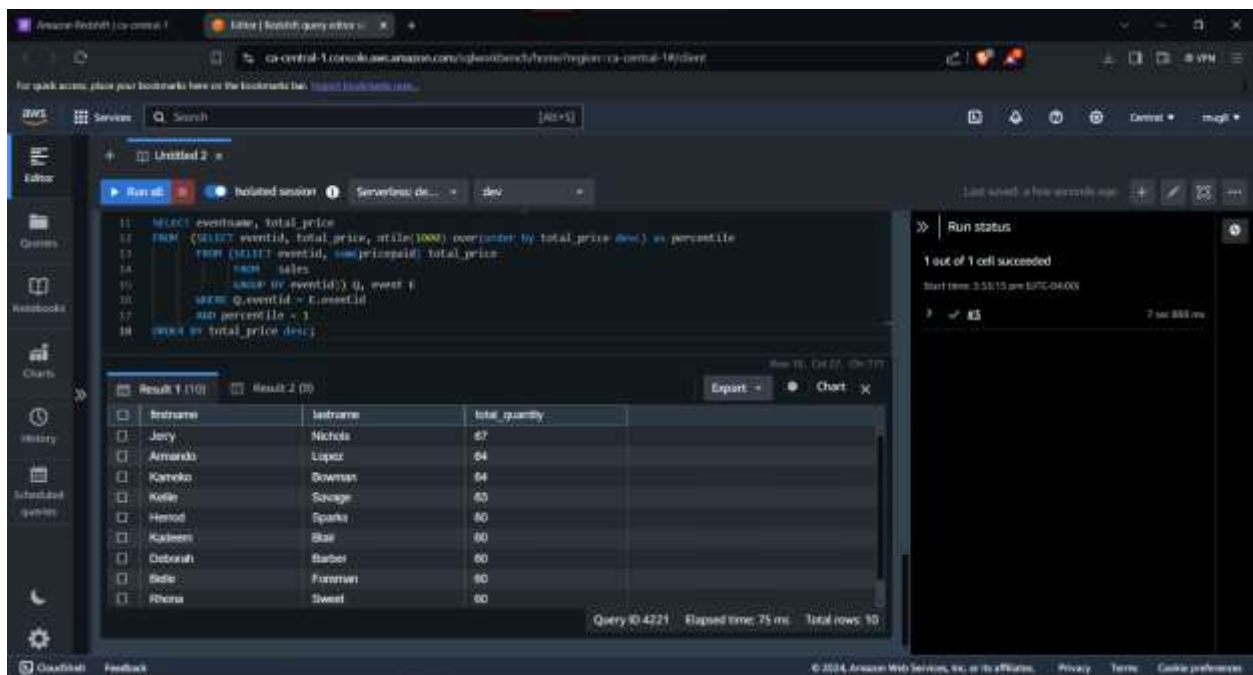
7. Loading data from S3 to Redshift. Creating Schema for the table in query editor.



8. Running query to check whether the data loaded successfully.



9. Output for the first query, which is to find top 10 buyers by quantity.



10. Output for the second query, which is to find events in the 99.9 percentile in terms of all time gross sales.

The screenshot shows the Amazon Redshift console interface. The SQL query editor contains the following code:

```
11 SELECT eventname, total_price
12 FROM (SELECT eventid, total_price, ntile(1000) over(order by total_price desc) as percentile
13 FROM (SELECT eventid, sum(pricepaid) total_price
14 FROM sales
15 GROUP BY eventid)) Q, event E
16 WHERE Q.eventid = E.eventid
17 AND percentile < 1
18 ORDER BY total_price desc;
```

The results pane displays a table with two columns: eventname and total_price. The data is sorted in descending order of total price.

eventname	total_price
Adriano Lecouatour	\$1840
Janet Jackson	\$1040
Phantom of the Opera	\$0001
The Little Mermaid	48656
Gilbert Gope	48623
Sevendust	48000
Electra	47663
Mary Poppins	46793
Live	46601

Query ID: 4325, Elapsed time: 7813 ms, Total rows: 9.

Run status: 1 out of 1 cell succeeded. Start time: 3:55:15 pm EDT-04:00. 7 sec 883 ms.