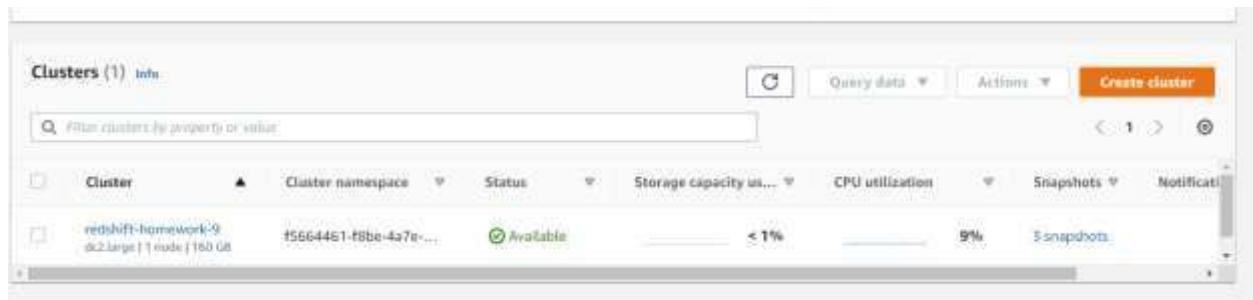
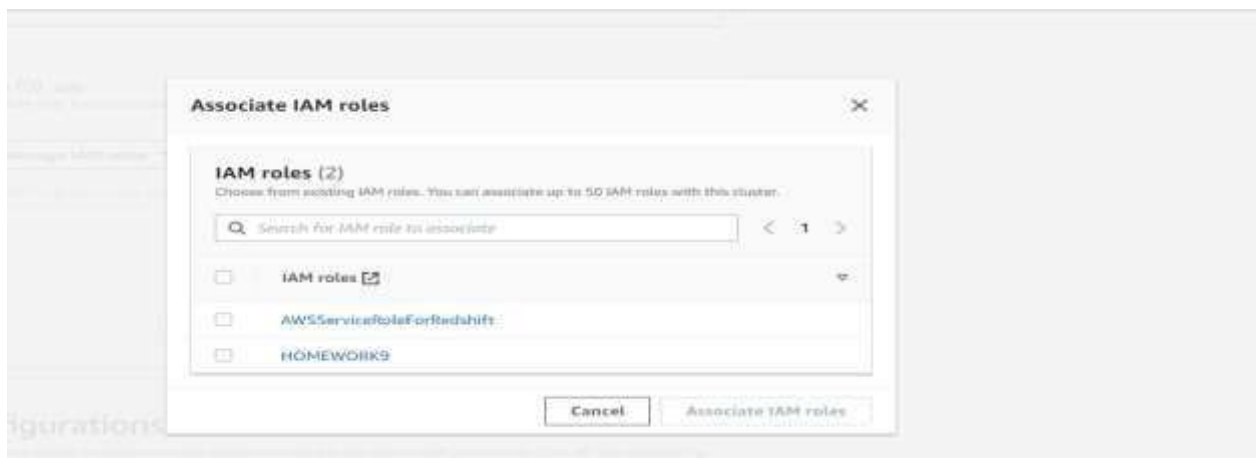


## Data base systems homework 9

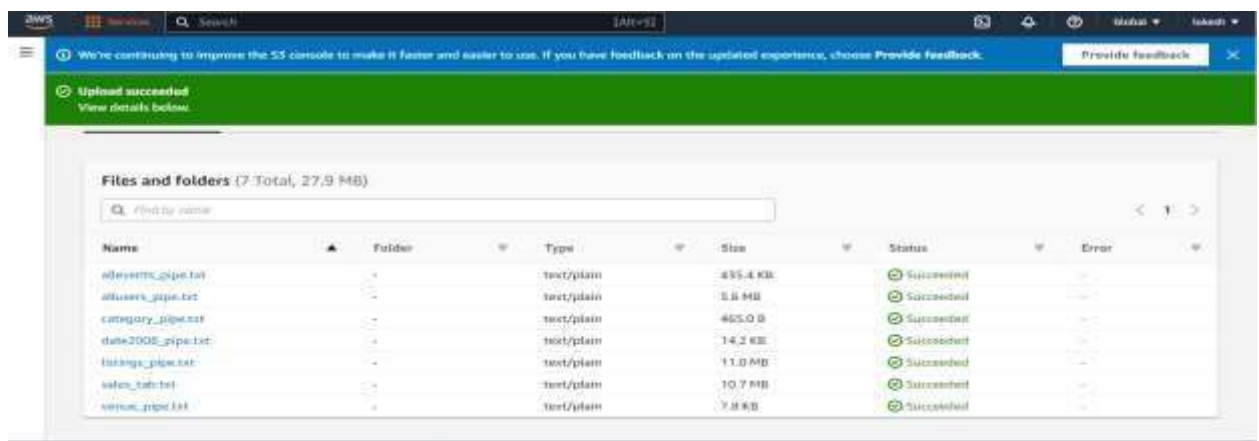
1. Create a cluster named 'redshift\_hw9' (only use free tier)



2. Create/Show the required IAM roles for the task.



3. Create an S3 bucket and load the tickitdb files.



4. Create tables on your cluster. (CATEGORY table, DATE table, EVENT table, VENUE table, USERS table, LISTING table, SALES table)

## Data base systems homework 9

```
38 date_time varchar(100)
39 }
40 copy homework9.event from 's3://lokeshtickdb/alievents_pipe.txt'
41 iam_role 'arn:aws:iam::633542653054:role/HOMEWORK9'
42 ;
43 drop table homework9.event;
44 create table homework9.event(
45 n1 numeric(10),
46 n2 numeric(10),
47 n3 numeric(10),
48 years numeric(10),
49 name varchar(100),
50 date_time varchar(10)
51 )
52 select * from homework9.event;
```

Run Save Schedule Clear Send f

```
3 create table homework9.CATEGORY(
4 CN numeric(10),
5 categeory varchar(100),
6 name varchar(100),
7 league varchar(100)
8 );
```

```
17 create table homework9.Date(
18 SN numeric(10),
19 Date_time varchar(20),
20 day varchar(100),
21 num numeric(10),
22 month varchar(100),
23 num2 numeric(10),
24 year numeric(10),
25 booleans varchar(100)
26 );
27 copy homework9.Date from 's3://lokeshtickdb/date2008_pipe.txt'
28 iam_role 'arn:aws:iam::633542653054:role/HOMEWORK9'
29 ;
```

Run Save Schedule Clear Send feedback

Query results Table details

Query 1613 [🔗](#)

Completed, started on November 13, 2022 at 16:59:33  
ELAPSED TIME: 00 m 28 s

Execution Data Visualize

5. Copy the data from S3 to Redshift cluster 'redshift\_hw9'.

## Data base systems homework 9

```

10
11 copy homework9.CATEGORY from 's3://lokeshtickdb/category_pipe.txt'
12 iam_role 'arn:aws:iam::633542683054:role/HOMEWORK9'
13 ;

```

Rows returned (11)

Search rows

cn	category	name	league
1	Sports	MLB	Major League Baseball
2	Sports	NHL	National Hockey League
3	Sports	NFL	National Football League
4	Sports	NBA	National Basketball Association
5	Sports	MLS	Major League Soccer
6	Shows	Musicals	Musical theatre
7	Shows	Plays	All non-musical theatre
8	Shows	Opera	All opera and light opera
9	Concerts	Pop	All rock and pop music concerts

Export

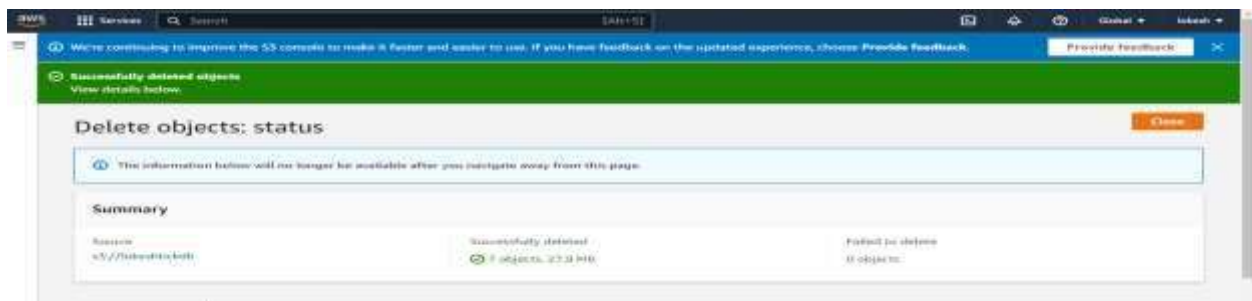
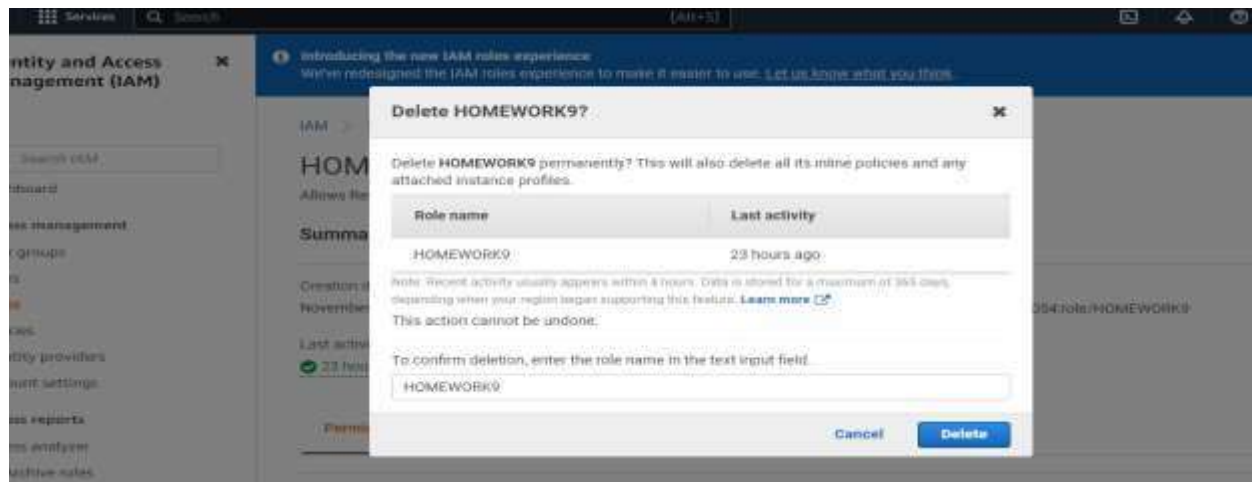
7) What are Database Querying Options available in Amazon Redshift?



8) Delete the cluster 'redshift\_hw9', IAM role and S3 bucket



## Data base systems homework 9



## Data base systems homework 9