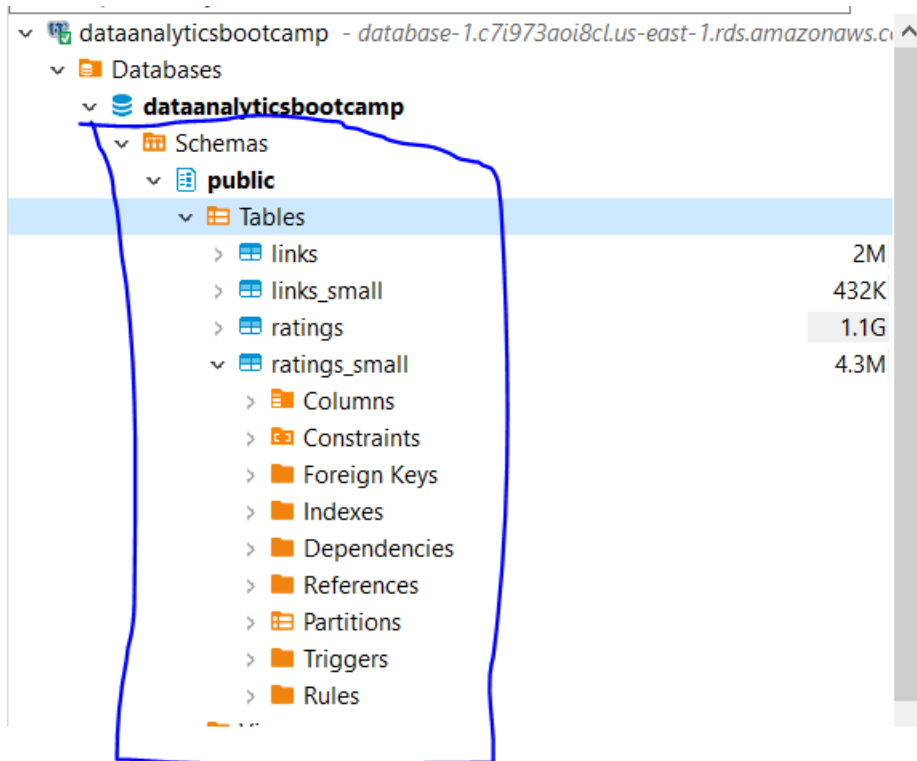


TABLE QUESTIONS

1.What is the schema of the ratings_small table?



2.What are the data types of the columns in the ratings_small table?

Userid => (int)

Movieid => (int)

Rating => (float)

Timestamp => (int)

3.What are all the columns that are there in the ratings_small table?

Userid

Movieid

Rating

Timestamp

SQL QUESTIONS

1. Find all distinct “userid” in the ratings_small table?

The screenshot shows a SQL IDE with a script editor at the top containing the query: `select distinct userid from ratings_small`. Below the editor, the results are displayed in a grid view. The grid has two columns: 'userid' and 'Value'. The first row shows the value 184. The status bar at the bottom indicates that 600 rows were fetched.

userid	Value
184	184
87	
652	
477	
273	
550	
394	
51	
272	
70	
190	
350	
539	
554	

2. Find all distinct “movieid” in the ratings_small table?

The screenshot shows a SQL IDE with a script editor at the top containing the query: `select distinct movieid from ratings_small`. Below the editor, the results are displayed in a grid view. The grid has two columns: 'movieid' and 'Value'. The first row shows the value 6114. The status bar at the bottom indicates that 200 rows were fetched.

movieid	Value
6114	6114
273	
3936	
128606	
4326	
2520	
25886	
1750	
4321	
5230	
176	
4993	
6373	
4976	

3. Find all distinct “rating” in the ratings_small table?

The screenshot shows a SQL IDE with the following query in the script editor:

```
--select distinct userid from ratings_small  
--select distinct movieid from ratings_small  
select distinct rating from ratings_small
```

The results are displayed in a grid view for the query `select distinct rating from ratings_small`. The grid shows 10 rows of distinct ratings:

rating
3.5
3
4
4.5
1
0.5
1.5
2.5
2
5

The status bar at the bottom indicates: Rows: 1, 10 row(s) fetched - 87ms, on Mar 01, 11:53:27.

4. Select the first 10 rows of “userid” from ratings_small table?

The screenshot shows a SQL IDE with the following query in the script editor:

```
--select distinct userid from ratings_small  
--select distinct movieid from ratings_small  
--select distinct rating from ratings_small  
select userid from ratings_small limit 10
```

The results are displayed in a grid view for the query `select userid from ratings_small limit 10`. The grid shows 10 rows of user IDs, all of which are 1:

userid
1
1
1
1
1
1
1
1
1
1

The status bar at the bottom indicates: Rows: 1, 10 row(s) fetched - 66ms, on Mar 01, 11:55:34.

5. Select the first 5 rows of “movieid” from ratings_small table?

```
--select distinct userid from ratings_small
--select distinct movieid from ratings_small
--select distinct rating from ratings_small
--select userid from ratings_small limit 10
select movieid from ratings_small limit 5
```

The screenshot shows a SQL IDE window titled "ratings_small 1". The query editor contains the SQL query: `select movieid from ratings_small limit 5`. Below the editor, a grid displays the results of the query. The grid has two columns: "movieid" and "Value". The first row shows the value 31, and the subsequent rows are empty. The status bar at the bottom indicates "Rows: 1" and "5 row(s) fetched - 94ms, on Mar 01, 11:57:31".

movieid	Value
31	31

6. Select the first 15 rows of “rating” from ratings_small table?

```
--select distinct userid from ratings_small
--select distinct movieid from ratings_small
--select distinct rating from ratings_small
--select userid from ratings_small limit 10
--select movieid from ratings_small limit 5
select rating from ratings_small limit 15
```

The screenshot shows a SQL IDE window titled "ratings_small 1". The query editor contains the SQL query: `select rating from ratings_small limit 15`. Below the editor, a grid displays the results of the query. The grid has two columns: "rating" and "Value". The first row shows the value 2.5, and the subsequent rows show various rating values. The status bar at the bottom indicates "Rows: 1" and "15 row(s) fetched - 40ms, on Mar 01, 11:58:49".

rating	Value
2.5	2.5
3	
3	
2	
4	
2	
2	
3.5	
2	
2.5	
1	
4	
4	