92.7 BIG FM



SQL CHALLENGE

CHALLENGE

The challenge is to craft SQL queries to extract insights from the 92.7 BIG FM radio network database.

DATABASE TABLES

Stations
Hosts
Shows
Partnerships
Show Partnerships
Awards
Online Presence

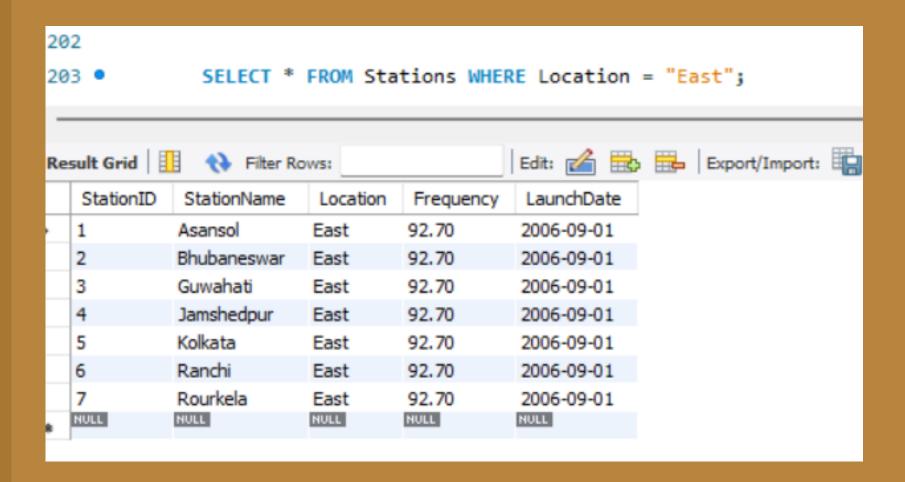
QUESTIONS

- Retrieve all stations in the "East" region?
- List all shows hosted by "Vrajesh Hirjee"?
- Count the number of awards each show has won?
- Find shows that have partnerships with "Spotify"?
- Retrieve hosts who joined before 2010?

QUESTIONS

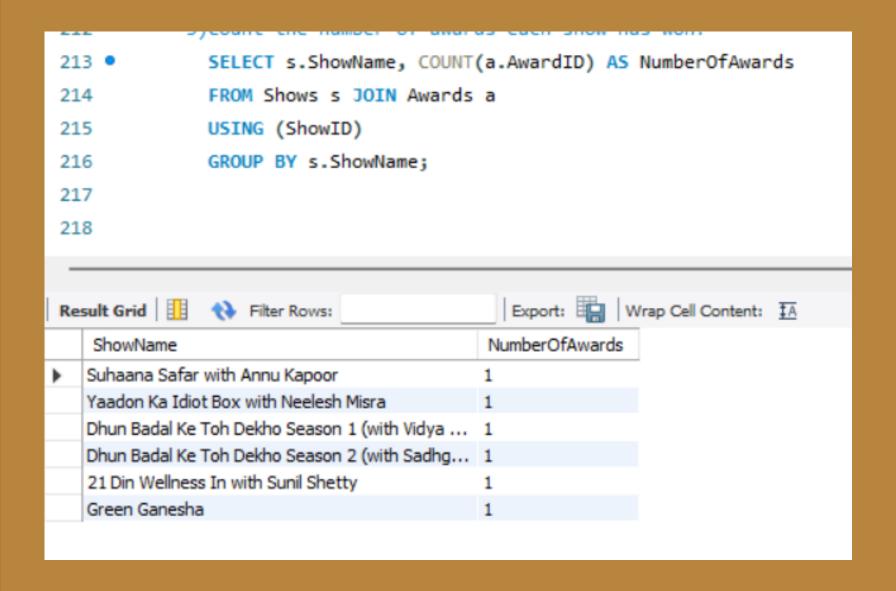
- List the shows and their launch dates in descending order of launch date?
- Find the total count of shows for each host?
- Show the online presence platforms with their links?
- Retrieve the stations in the "South" region launched after 2010?
- Rank hosts based on the number of shows they have hosted?

Retrieve all stations in the "East" region?



List all shows hosted by "Vrajesh Hirjee"?

Count the number of awards each show has won?



Find shows that have partnerships with "Spotify"?

```
• SELECT DISTINCT s.ShowID, s.ShowName, p.PartnerName

FROM Shows s

JOIN ShowPartnerships sp ON s.ShowID = sp.ShowID

JOIN Partnerships p ON sp.PartnershipID = p.PartnershipID

WHERE p.PartnerName = 'Spotify';

t Grid 

Filter Rows:

Export:

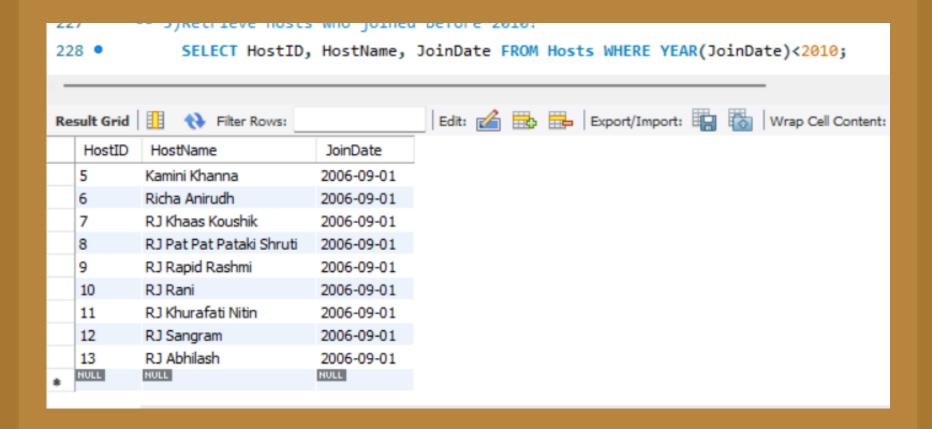
Wrap Cell Content: 

ShowID ShowName

PartnerName

Suhaana Safar with Annu Kapoor Spotify
```

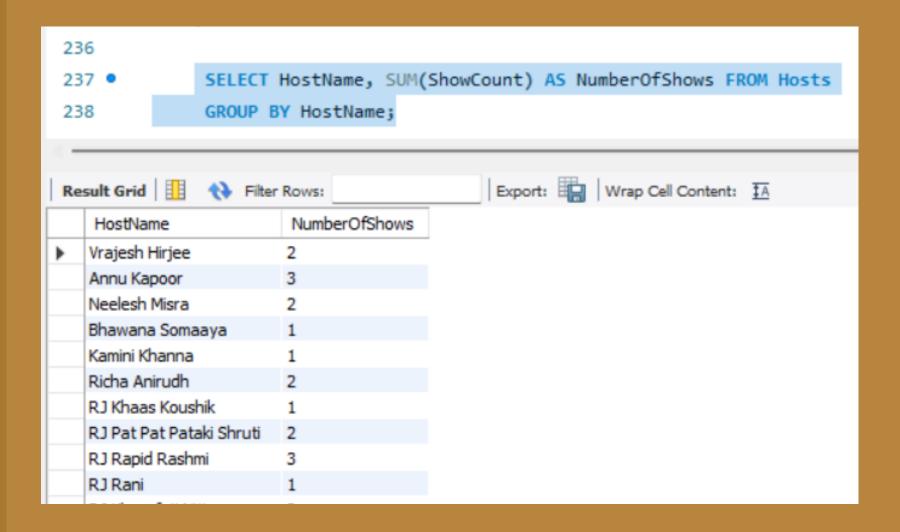
Retrieve hosts who joined before 2010?



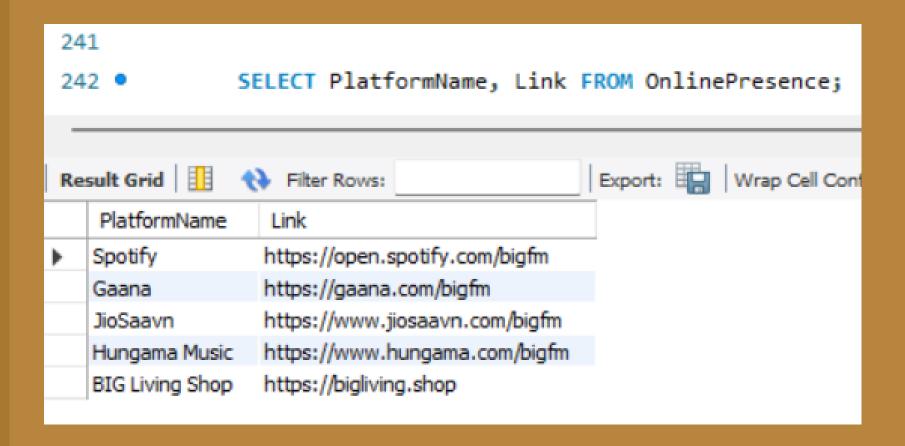
List the shows and their launch dates in descending order of launch date?

231										
23	2 •	SELECT ShowID, ShowName, Lau	nchDate FRO	M Shows						
23	3	ORDER BY LaunchDate DESC;								
234										
Result Grid 🔠 🙌 Filter Rows: Edit: 🕍 🖶 Export/Imp										
	ShowID	ShowName	LaunchDate							
)	5	21 Din Wellness In with Sunil Shetty	2023-01-01	'						
	6	Green Ganesha	2023-01-01							
	3	Dhun Badal Ke Toh Dekho Season 1 (with Vidya	2019-01-01							
	4	Dhun Badal Ke Toh Dekho Season 2 (with Sadhg	2019-01-01							
	1	Suhaana Safar with Annu Kapoor	2006-09-01							
	2	Yaadon Ka Idiot Box with Neelesh Misra	2006-09-01							
*	NULL	NULL	NULL							

Find the total count of shows for each host?



Show the online presence platforms with their links?



Retrieve the stations in the "South" region launched after 2010?

```
245
246 • SELECT StationName, Location, LaunchDate
247 FROM Stations
248 WHERE YEAR(LaunchDate)>2010 AND Location = 'South';
249
250

Result Grid Filter Rows: Export: Wrap Cell Content: A
```

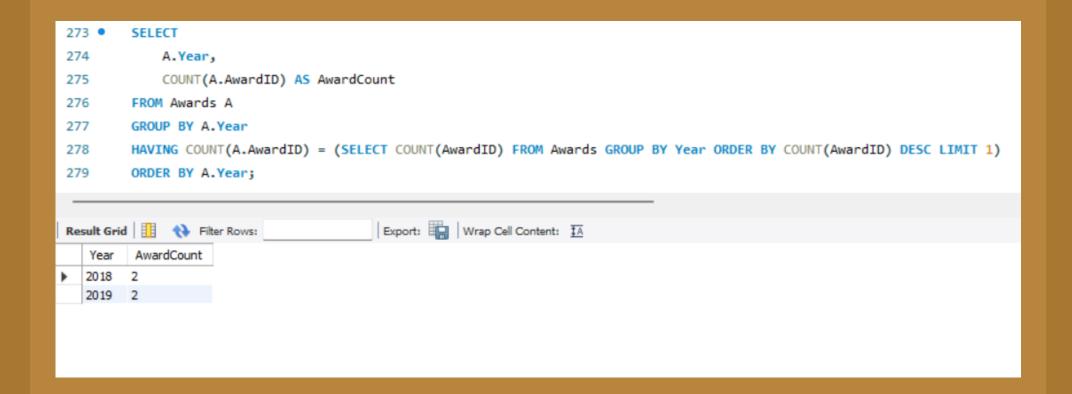
No records found

Rank hosts based on the number of shows they have hosted?

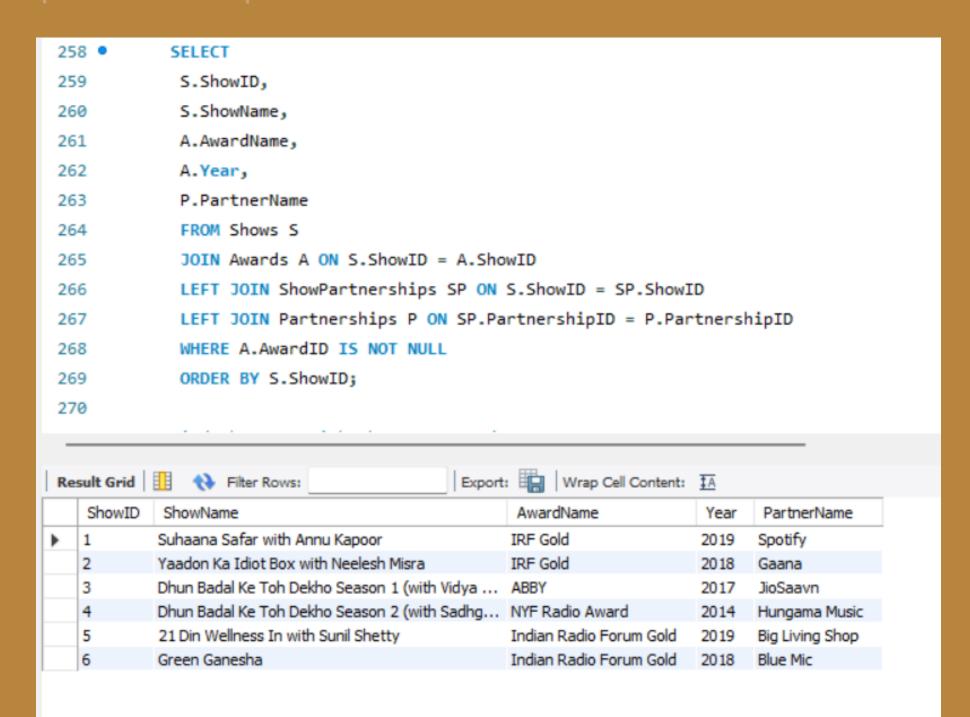
25	1								
25	2 • SELE	CT HostName, ShowCount,							
25	3 DENS	E_RANK() OVER(ORDER BY ShowCount DESC) AS HostRank							
25			•	•					
254 FROM Hosts;									
-									
Result Grid									
	HostName	ShowCount	HostRank						
•	Annu Kapoor	3	1						
	RJ Rapid Rashmi	3	1						
	Vrajesh Hirjee	2	2						
	Neelesh Misra	2	2						
	Richa Anirudh	2	2						
	RJ Pat Pat Pataki Shruti	2	2						
	RJ Khurafati Nitin	2	2						
	Bhawana Somaaya	1	3						
	Kamini Khanna	1	3						
	RJ Khaas Koushik	1	3						
Das	D1Dani ult 24	1	3						

SOME ADDITIONAL INSIGHTS ...

Years with highest number of awards



Shows that have won awards and their partnership Information



Thank You