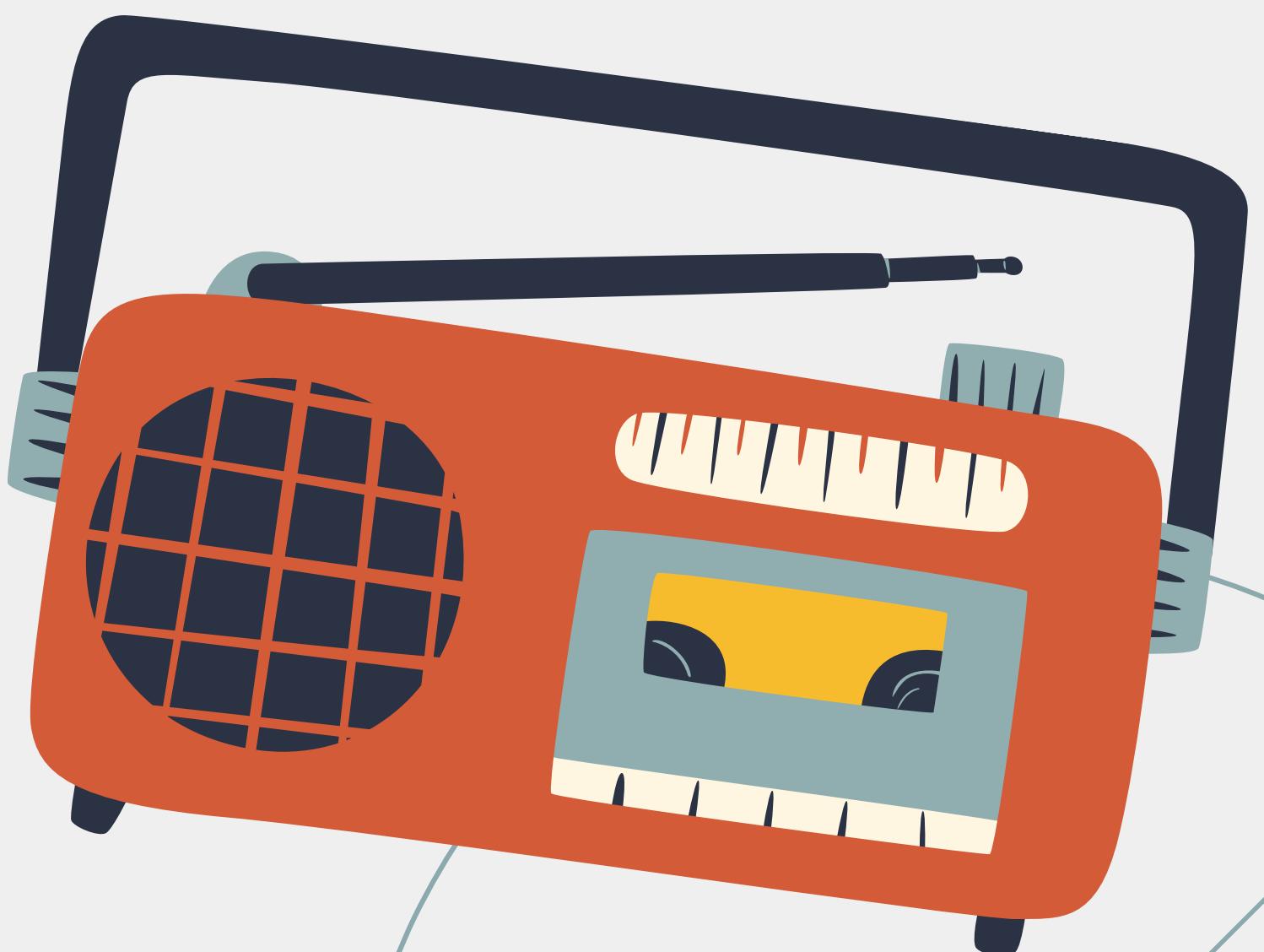


# **92.7 BIG FM Radio Network**

**SQL Analysis**

**-Deepak Patel**



## TABLES

1. Stations
2. Hosts
3. Shows
4. Partnerships
5. ShowPartnerships
6. Awards
7. OnlinePresence



# 1. Retrieve all stations in the "East" region?

```
● ● ●  
SELECT StationName  
FROM Stations  
WHERE Location = 'East';
```

StationName
Asansol
Bhubaneswar
Guwahati
Jamshedpur
Kolkata
Ranchi
Rourkela

## 2. List all shows hosted by "Vrajesh Hirjee"?

```
SELECT ShowName  
FROM Shows JOIN Hosts  
ON Shows.HostID = Hosts.HostID  
WHERE HostName = 'Vrajesh Hirjee';
```

ShowName
21 Din Wellness In with Sunil Shetty



### 3. Count the number of awards each show has won?



```
SELECT S.ShowName, COUNT(A.AwardName) AS No_of_Awards  
FROM Shows AS S  
JOIN Awards AS A USING (ShowID)  
GROUP BY S.ShowName;
```

ShowName	No_of_Awards
21 Din Wellness In with Sunil Shetty	1
Dhun Badal Ke Toh Dekho Season 1 (with Vidya Balan)	1
Dhun Badal Ke Toh Dekho Season 2 (with Sadhguru)	1
Green Ganesha	1
Suhaana Safar with Annu Kapoor	1
Yaadon Ka Idiot Box with Neelesh Misra	1



## 4. Find shows that have partnerships with "Spotify"?

```
SELECT Shows.ShowName, Partnerships.PartnerName  
FROM Shows JOIN ShowPartnerships USING (ShowID)  
JOIN Partnerships USING (PartnershipID)  
WHERE PartnerName = 'Spotify';
```

ShowName	PartnerName
Suhaana Safar with Annu Kapoor	Spotify



## 5. Retrieve hosts who joined before 2010?

```
SELECT HostName, JoinDate  
FROM Hosts  
WHERE YEAR(JoinDate) < 2010;
```

HostName	JoinDate
Vrajesh Hirjee	2006-09-01
Annu Kapoor	2006-09-01
Neelesh Misra	2006-09-01
Bhawana Somaaya	2006-09-01
Kamini Khanna	2006-09-01
Richa Anirudh	2006-09-01
RJ Khaas Koushik	2006-09-01



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

```
SELECT ShowID, ShowName, LaunchDate  
FROM Shows  
ORDER BY LaunchDate DESC;
```

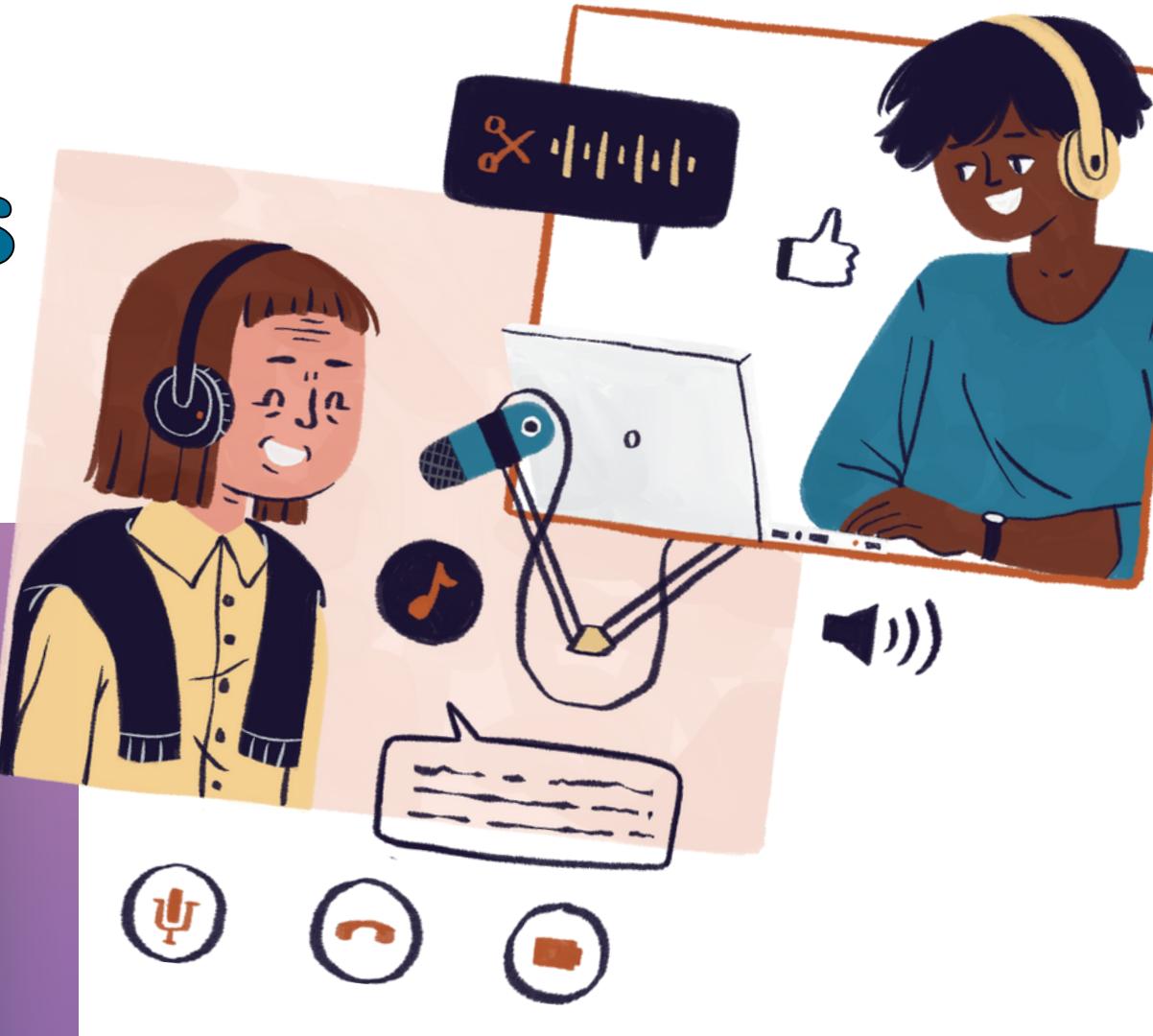
ShowID	ShowName	LaunchDate
5	21 Din Wellness In with Sunil Shetty	2023-01-01
6	Green Ganesha	2023-01-01
3	Dhun Badal Ke Toh Dekho Season 1 (with Vidya Balan)	2019-01-01
4	Dhun Badal Ke Toh Dekho Season 2 (with Sadhguru)	2019-01-01
1	Suhaana Safar with Annu Kapoor	2006-09-01
2	Yaadon Ka Idiot Box with Neelesh Misra	2006-09-01



## 7. Find the total count of shows for each host?

```
SELECT HostID, HostName, SUM(ShowCount) AS Total_Shows  
FROM Hosts  
GROUP BY HostID;
```

HostID	HostName	Total_Shows
1	Vrajesh Hirjee	2
2	Annu Kapoor	3
3	Neelesh Misra	2
4	Bhawana Somaaya	1
5	Kamini Khanna	1
6	Richa Anirudh	2
7	RJ Khaas Koushik	1
8	RJ Pat Pat Pataki Shruti	2
9	RJ Rapid Rashmi	3
10	RJ Rani	1
11	RJ Khurafati Nitin	2
12	RJ Sangram	1
13	RJ Abhilash	1



## 8. Show the online presence platforms with their links?



```
SELECT PresenceID, PlatformName, Link  
FROM OnlinePresence;
```

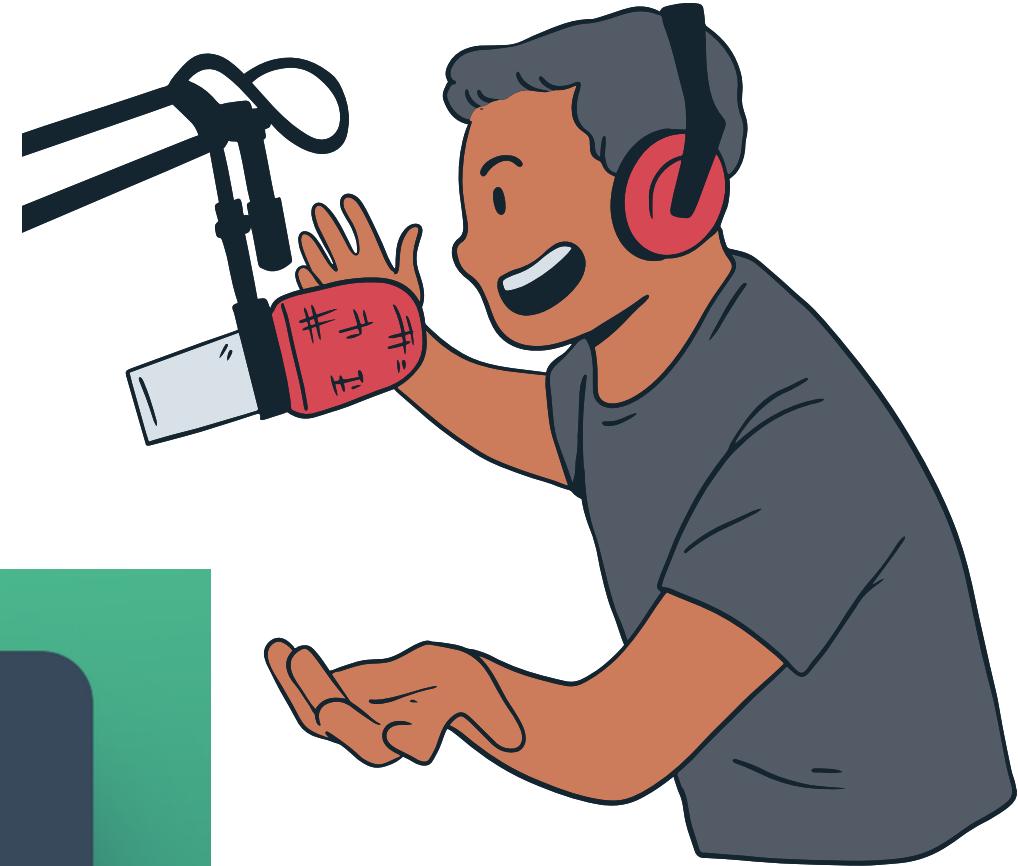
PresenceID	PlatformName	Link
1	Spotify	<a href="https://open.spotify.com/bigfm">https://open.spotify.com/bigfm</a>
2	Gaana	<a href="https://gaana.com/bigfm">https://gaana.com/bigfm</a>
3	JioSaavn	<a href="https://www.jiosaavn.com/bigfm">https://www.jiosaavn.com/bigfm</a>
4	Hungama Music	<a href="https://www.hungama.com/bigfm">https://www.hungama.com/bigfm</a>
5	BIG Living Shop	<a href="https://bigliving.shop">https://bigliving.shop</a>



# 9. Retrieve the stations in the "South" region launched after 2010?

```
SELECT StationID, StationName, Location, LaunchDate  
FROM Stations  
WHERE Locations = 'South'  
AND YEAR(LaunchDate) > 2010;
```

StationID	StationName	Location	LaunchDate
NULL	NULL	NULL	NULL



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

```
SELECT HostName, ShowCount,  
DENSE_RANK() OVER( ORDER BY ShowCount DESC) AS Host_ranks  
FROM Hosts;
```

HostName	ShowCount	Host_ranks
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
RJ Rani	1	3
RJ Sangram	1	3
RJ Abhilash	1	3



# THANK YOU

– Deepak Patel