

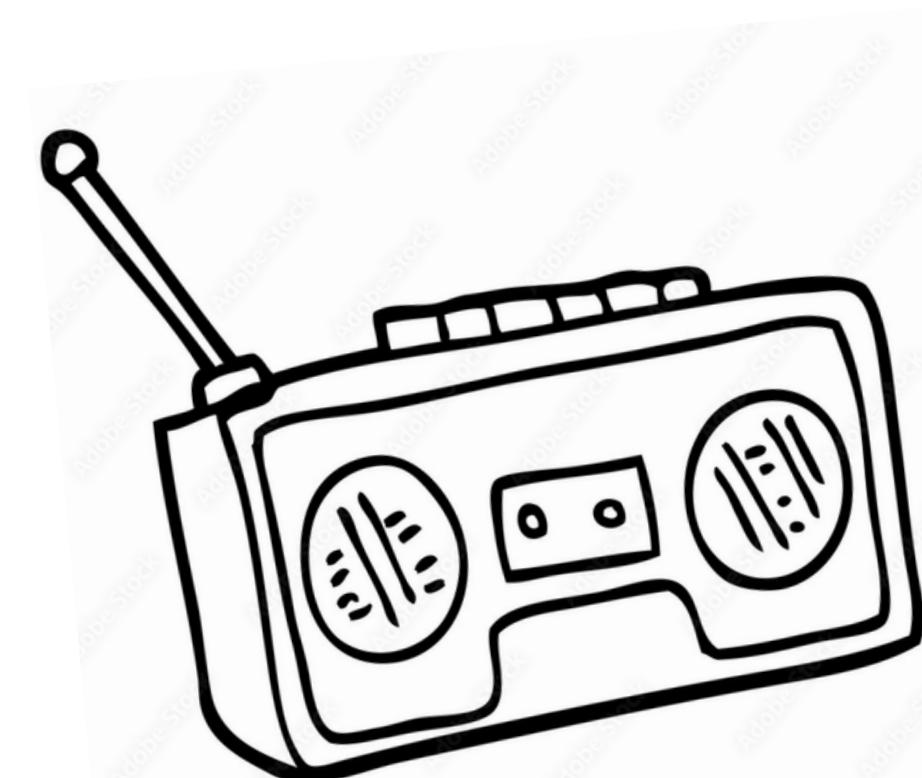
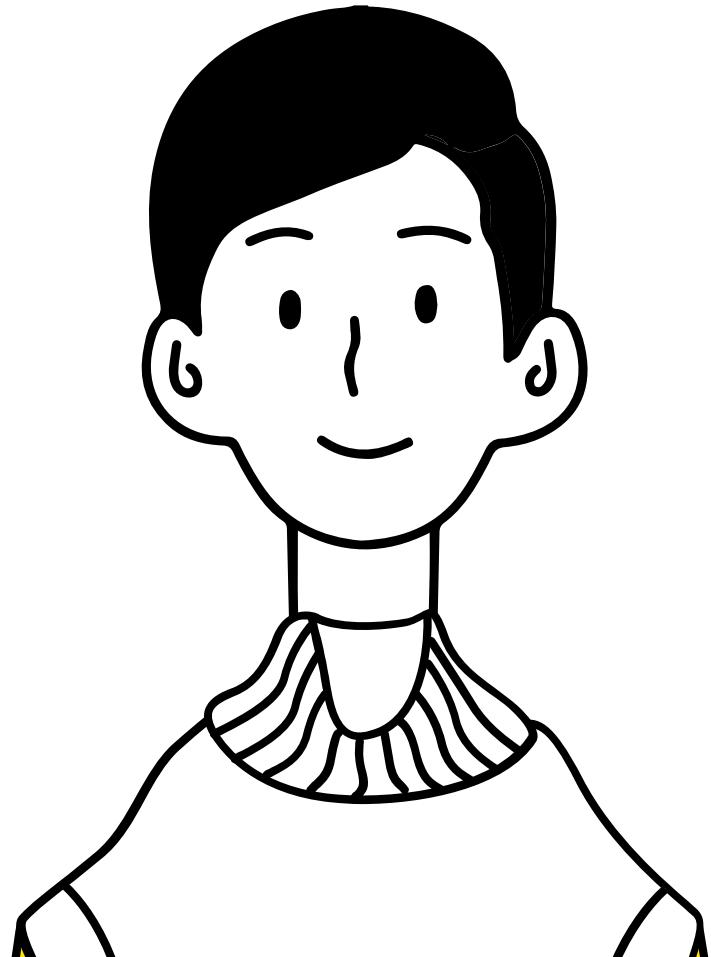


# 92.7 BIG FM Radio Network

SQL Analysis

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# Table Used

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Stations

2

Hosts

3

Shows

4

Partnerships

5

ShowPartnerships

6

Awards

7

OnlinePresence

# Introduction

Here challenge from **Digit n Data** is to craft SQL queries to extract insights from the **92.7 BIG FM radio** network database. We have multiple table in the dataset from this we have to find the solution for our quries.



# Questions

- 1) Retrieve all stations in the "East" region?
- 2) List all shows hosted by "Vrajesh Hirjee"?
- 3) Count the number of awards each show has won?
- 4) Find shows that have partnerships with "Spotify"?
- 5) Retrieve hosts who joined before 2010?
- 6) List the shows and their launch dates in descending order of launch date?
- 7) Find the total count of shows for each host?
- 8) Show the online presence platforms with their links?
- 9) Retrieve the stations in the "South" region launched before 2010?
- 10) Rank hosts based on the number of shows they have hosted?

# Let's get started!



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

```
SELECT *  
FROM stations  
WHERE location = "East";
```

StationID	StationName	Location	Frequency	LaunchDate
1	Asansol	East	92.70	2006-09-01
2	Bhubaneswar	East	92.70	2006-09-01
3	Guwahati	East	92.70	2006-09-01
4	Jamshedpur	East	92.70	2006-09-01
5	Kolkata	East	92.70	2006-09-01
6	Ranchi	East	92.70	2006-09-01
7	Rourkela	East	92.70	2006-09-01

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

```
SELECT a.HostName ,  
b.ShowName  
FROM hosts as a  
join shows as b  
on a.HostID = b.HostID  
WHERE HostName = "Vrajesh Hirjee";
```

	HostName	ShowName
▶	Vrajesh Hirjee	21 Din Wellness In with Sunil Shetty

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

```
SELECT b.ShowID,  
       b.ShowName ,  
       COUNT(a.AwardID) as Total_award  
  FROM awards as a  
  Join shows as b  
 WHERE a.ShowID = b.ShowID  
 GROUP BY AwardID;
```

ShowID	ShowName	Total_award
1	Suhaana Safar with Annu Kapoor	1
2	Yaadon Ka Idiot Box with Neelesh Misra	1
3	Dhun Badal Ke Toh Dekho Season 1 (with Vidya ...	1
4	Dhun Badal Ke Toh Dekho Season 2 (with Sadhg...)	1
5	21 Din Wellness In with Sunil Shetty	1
6	Green Ganesha	1

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

```
SELECT a.ShowID ,  
a.ShowName , c.PartnerName  
From shows as a  
Join showpartnerships as b  
On a.ShowID = b.ShowID  
Join partnerships as c  
On b.PartnershipID = c.PartnershipID  
Where PartnerName = "Spotify";
```

	ShowID	ShowName	PartnerName
▶	1	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
RJ Pat Pat Pataki Shruti	2006-09-01
RJ Rapid Rashmi	2006-09-01
RJ Rani	2006-09-01
RJ Khurafati Nitin	2006-09-01
RJ Sangram	2006-09-01
RJ Abhilash	2006-09-01

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

```
● ● ●  
SELECT ShowName ,  
       LaunchDate  
FROM shows  
order by LaunchDate desc;
```

	ShowName	LaunchDate
▶	21 Din Wellness In with Sunil Shetty	2023-01-01
	Green Ganesha	2023-01-01
	Dhun Badal Ke Toh Dekho Season 1 (with Vidya ...	2019-01-01
	Dhun Badal Ke Toh Dekho Season 2 (with Sadhg...)	2019-01-01
	Suhaana Safar with Annu Kapoor	2006-09-01
	Yaadon Ka Idiot Box with Neelesh Misra	2006-09-01

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

```
● ● ●  
SELECT HostName ,  
       sum( ShowCount ) as Total_show  
FROM hosts  
group by HostName;
```

HostName	Total_show
Vrajesh Hirjee	2
Annu Kapoor	3
Neelesh Misra	2
Bhawana Somaaya	1
Kamini Khanna	1
Richa Anirudh	2
RJ Khaas Koushik	1
RJ Pat Pat Pataki Shruti	2
RJ Rapid Rashmi	3
RJ Rani	1
RJ Khurafati Nitin	2
RJ Sangram	1
RJ Abhilash	1

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

```
SELECT PlatformName ,Link  
FROM onlinepresence ;
```

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

# 9) Retrieve the stations in the "South" region launched before 2010?

```
SELECT StationName ,  
       Location , LaunchDate  
  FROM stations  
 WHERE location = "South"  
   AND Year(LaunchDate) < 2010;
```

	StationName	Location	LaunchDate
▶	Nagpur	South	2006-09-01
	Aurangabad	South	2006-09-01
	Ahmednagar	South	2006-09-01
	Kolhapur	South	2006-09-01
	Mangalore	South	2006-09-01
	Mysore	South	2006-09-01
	Hyderabad	South	2006-09-01
	Bangalore	South	2006-09-01
	Chennai	South	2006-09-01
	Trivandrum	South	2006-09-01
	Pondicherry	South	2006-09-01
	Lucknow	South	2006-09-01
	Gorakhpur	South	2006-09-01
	Varanasi	South	2006-09-01
	Patna	South	2006-09-01
	Muzaffarpur	South	2006-09-01
	Kanpur	South	2006-09-01

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



```
SELECT HostName , ShowCount ,  
DENSE_RANK ( ) Over ( order by Showcount desc) as Host_rank  
FROM hosts ;
```

	HostName	ShowCount	Host_rank
▶	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!

