

92.7 BIG FM RADIO NETWORK

SQL CHALLENGE

BY SUMANTH



TABLES

Shows Stations Hosts Partnerships ShowPartnerships Awards OnlinePresence

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

Select StationID, StationName,
Location
from Stations
where Location = 'East'

StationID	StationName	Location
1	Asansol	East
2	Bhubaneswar	East
3	Guwahati	East
4	Jamshedpur	East
5	Kolkata	East
6	Ranchi	East
7	Rourkela	East

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

Select H.HostName, S.ShowName from Hosts H join Shows S on H.HostID = S.HostID where H.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 S.ShowName, count(A.AwardName) as No_of_Awards from Awards A

Join Shows S
on A.ShowID = S.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 Bal	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 S.ShowName, P.PartnerName from Shows
S join ShowPartnerships SP on S.ShowID = SP.ShowID join Partnerships P
on p.PartnershipID = SP.PartnershipID where p.PartnerName = 'Spotify'



5. Retrieve hosts who joined before 2010?

Select HostID, HostName, JoinDate from Hosts where YEAR(JoinDate) < 2010

HostID	HostName	JoinDate	
1	Vrajesh Hirjee	2006-09-01	
2	Annu Kapoor	2006-09-01	
3	Neelesh Misra	2006-09-01	
4	Bhawana Somaaya	2006-09-01	
5	Kamini Khanna	2006-09-01	
6	Richa Anirudh	2006-09-01	
7	RJ Khaas Koushik	2006-09-01	
8	RJ Pat Pat Pataki Shruti	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 Bal	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, HostName

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

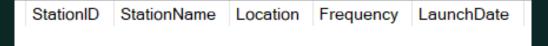
8. Show the online presence platforms with their links?

Select PlatformName,Link from OnlinePresence

PlatformName	Link
Spotify	https://open.spotify.com/bigfm
Gaana	https://gaana.com/bigfm
JioSaavn	https://www.jiosaavn.com/bigfm
Hungama Music	https://www.hungama.com/bigfm
BIG Living Shop	https://bigliving.shop

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

Select * from Stations where Location = 'South' and YEAR(LaunchDate) > 2010



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

Select HostID, HostName, ShowCount,

DENSE_RANK() over(order by ShowCount desc) as

Show_Ranks

from Hosts x

HostID	HostName	ShowCount	Show_Ranks
2	Annu Kapoor	3	1
9	RJ Rapid Rashmi	3	1
11	RJ Khurafati Nitin	2	2
3	Neelesh Misra	2	2
6	Richa Anirudh	2	2
1	Vrajesh Hirjee	2	2
8	RJ Pat Pat Pataki Shruti	2	2
7	RJ Khaas Koushik	1	3