Digits n Data

92.7 BIG FM RADIO NETWORK

SQL CHALLENGE

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TABLES

Stations

Hosts

Shows

Partnerships

ShowPartnerships

Awards

OnlinePresence

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

Select StationID, StationName, Location

from Stations

where Location = 'East'

OUTPUT :

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'

OUTPUT :

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

OUTPUT :

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'

OUTPUT :

ShowName	PartnerName
Suhaana Safar with Annu Kapoor	Spotify

5. Retrieve hosts who joined before 2010?

Select HostID, HostName, JoinDate

from Hosts

where YEAR(JoinDate) < 2010

OUTPUT :

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

OUTPUT :

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

OUTPUT :

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

OUTPUT :

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

OUTPUT :

StationID	StationName	Location	Frequency	LaunchDate

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

OUTPUT :

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