

SQL Challenge

92.7 BIG FM radio network



Tables

Stations

Hosts

Shows

Partnerships

ShowPartnerships

Awards

OnlinePresence

SQL Challenge-Big FM

select * from Awards

Select * from Hosts

Select * from OnlinePresence

Select *from Partnerships

Select * from Showpartnerships

select * from shows

select * from stations

Questions

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

SYNTAX:

select * from stations where location ='East';

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

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

SYNTAX:

```
select s.showid,h.hostname,s.showname
```

```
from shows s
```

```
join hosts h
```

```
on s.hostid = h.hostid
```

```
where hostname = 'Vrajesh Hirjee';
```

	showid	hostname	showname
1	5	Vrajesh Hirjee	21 Din Wellness In with Sunil Shetty

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

SYNTAX:

```
select s.showid,s.showname,
```

```
count(awardid) as Num_of_Awards
```

```
from awards a
```

```
join shows s
```

```
on a.showid = s.showid
```

```
group by s.showname,s.showid;
```

	showid	showname	Num_of_Awards
1	1	Suhaana Safar with Annu Kapoor	1
2	2	Yaadon Ka Idiot Box with Neelesh Misra	1
3	3	Dhun Badal Ke Toh Dekho Season 1 (with Vidya Bal...	1
4	4	Dhun Badal Ke Toh Dekho Season 2 (with Sadhguru)	1
5	5	21 Din Wellness In with Sunil Shetty	1
6	6	Green Ganesha	1

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

SYNTAX:

```
select s.showid,s.showname,p.partnername
```

```
from shows s join showpartnerships sp
```

```
on s.ShowID = sp.ShowID
```

```
join partnerships p
```

```
on p.partnershipid = sp.PartnershipID
```

```
where partnername = 'spotify';
```

	showid	showname	partnename
1	1	Suhaana Safar with Annu Kapoor	Spotify

5)Retrieve hosts who joined before 2010?

SYNTAX:

```
select HOSTid,hostname,joindate
```

```
from hosts
```

```
where year(joindate) < 2010;
```

	HOSTid	hostname	joindate
1	1	Vrajesh Hirjee	2006-09-01
2	2	Annu Kapoor	2006-09-01
3	3	Neelesh Misra	2006-09-01
4	4	Bhawana Somaaya	2006-09-01
5	5	Kamini Khanna	2006-09-01
6	6	Richa Anirudh	2006-09-01
7	7	RJ Khaas Koushik	2006-09-01
8	8	RJ Pat Pat Pataki Shruti	2006-09-01
9	9	RJ Rapid Rashmi	2006-09-01
10	10	RJ Rani	2006-09-01
11	11	RJ Khurafati Nitin	2006-09-01
12	12	RJ Sangram	2006-09-01
13	13	RJ Abhilash	2006-09-01

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

SYNTAX:

select showid,showname,launchdate

from shows

order by launchdate desc;

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

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

SYNTAX:

select hostid,hostname, sum(showcount) as Total_shows

from hosts

group by hostid,hostname;

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

8) Show the online presence platforms with their links?

SYNTAX:

```
select presenceid,platformname,link
```

```
from onlinepresence;
```

	presenceid	platfromname	link
1	1	Spotify	https://open.spotify.com/bigfm
2	2	Gaana	https://gaana.com/bigfm
3	3	JioSaavn	https://www.jiosaavn.com/bigfm
4	4	Hungama Music	https://www.hungama.com/bigfm
5	5	BIG Living Shop	https://bigliving.shop

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

SYNTAX:

```
select stationid,stationname,location,frequency,launchdate
```

```
from stations
```

```
where location = 'south'
```

```
and year(launchdate) >2010;
```

Answer: NULL

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

SYNTAX:

```
select hostid,hostname,showcount,
```

```
rank() over(order by showcount desc) as show_rank
```

```
from hosts
```

```
order by hostid,showcount desc;
```

Answer:

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

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