SQL Challenge

92.7 BIG FM radio network



Objective:

03

The challenge is to craft SQL queries to extract insights from the 92.7 BIG FM Radio network database.

Tables Used



- Stations
- **M** Hosts
- **Shows**
- Partnerships
- Show partnerships
- **Awards**
- **©** Online Presence

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

```
/* 1. Retrieve all stations in the "East" region */
     ⊨select * from Stations
       where location='East'
150 % ▼ ◀
StationName
                       Location
                              Frequency
                                       LaunchDate
             Asansol
                       East
                               92.70
                                       2006-09-01
             Bhubaneswar
                       East
                               92.70
                                       2006-09-01
            Guwahati
                               92.70
                                       2006-09-01
                               92.70
             Jamshedpur
                       East
                                       2006-09-01
             Kolkata
                       Fast
                               92 70
                                       2006-09-01
             Ranchi
                        East
                               92.70
                                       2006-09-01
             Rourkela
                               92.70
                                       2006-09-01
                        East
```

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

```
/* 2. List all shows hosted by " Vrajesh Hirjee"*/
   iselect hostname, showname from Hosts
    left join Shows
    on hosts.hostid = shows.HostID
    where hostname ='vrajesh hirjee'
21 Din Wellness In with Sunil Shetty
```

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

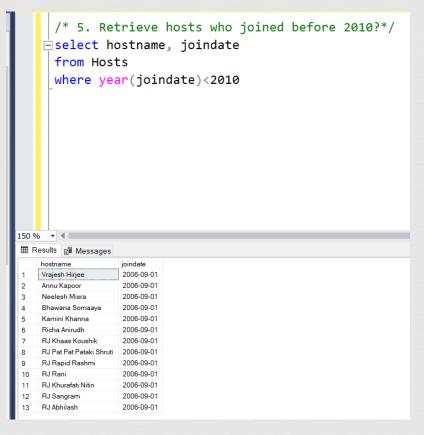
/* 3. Count the number of awards each show has won?*/ select showname, count(awardid) as number_of_awards from Shows join Awards on shows.ShowID = Awards.ShowID group by showname ■ Results 🛍 Messages number of awards 21 Din Wellness In with Sunil Shetty Dhun Badal Ke Toh Dekho Season 1 (with Vidya Bala... Dhun Badal Ke Toh Dekho Season 2 (with Sadhguru) Green Ganesha Suhaana Safar with Annu Kapoor Yaadon Ka Idiot Box with Neelesh Misra

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

```
/* 4. Find shows that have partnerships with "spotify"?*/
   <u>select</u> showname, partnername
     from ShowPartnerships
     join shows
     on Shows.ShowID= ShowPartnerships.ShowID
     join Partnerships
     on ShowPartnerships.partnershipid= Partnerships.PartnershipID
     where partnername='spotify'
150 % ▼ ◀
partnername
   Suhaana Safar with Annu Kapoor
                   Spotify
```

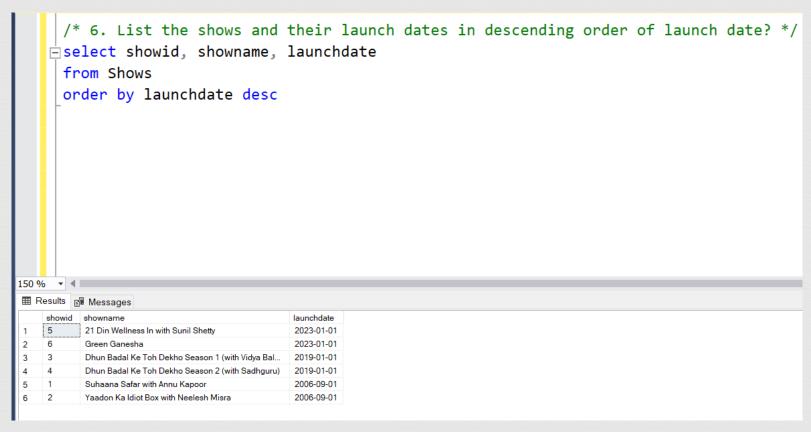
5. Retrieve hosts who joined before 2010?





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





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

```
/* 7. Find the total count of shows for each host ?*/
    select hostname, sum(showcount) as total shows
      from Hosts
      group by hostname
150 % ▼ ◀ ■
total_shows
    Bhawana Somaaya
    Kamini Khanna
    Neelesh Misra
    Richa Anirudh
    RJ Abhilash
    RJ Khaas Koushik
    RJ Khurafati Nitin
    RJ Pat Pat Pataki Shruti
    RJ Rani
    RJ Rapid Rashmi
    RJ Sangram
    Vraiesh Hiriee
```

8. Show the online presence platforms with their links?

```
/* 8. Show the online presence platforms with their links ?*/
     select platformname, link
       from OnlinePresence
150 % ▼ ◀ □
platformname
    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?

U3

```
/* 9. Retrieve the stations in the "South" region launched after 2010 ? */
   iselect StationName, stationid, launchdate, location
    from Stations
    where location = 'south' and year(launchdate) > 2010
StationName stationid launchdate location
```

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

```
/* 10. Rank hosta based on the number of shows they have hosted ?*/
   ˈselect hostname, showcount,
     DENSE RANK() over(order by showcount) as hostrank
     from Hosts
150 % ▼ ◀ ■
                showcount hostrank
   Bhawana Somaaya
   RJ Rapid Rashmi
```