

Tuning into 92.7 FM HISTORY

SQL ANALYSIS

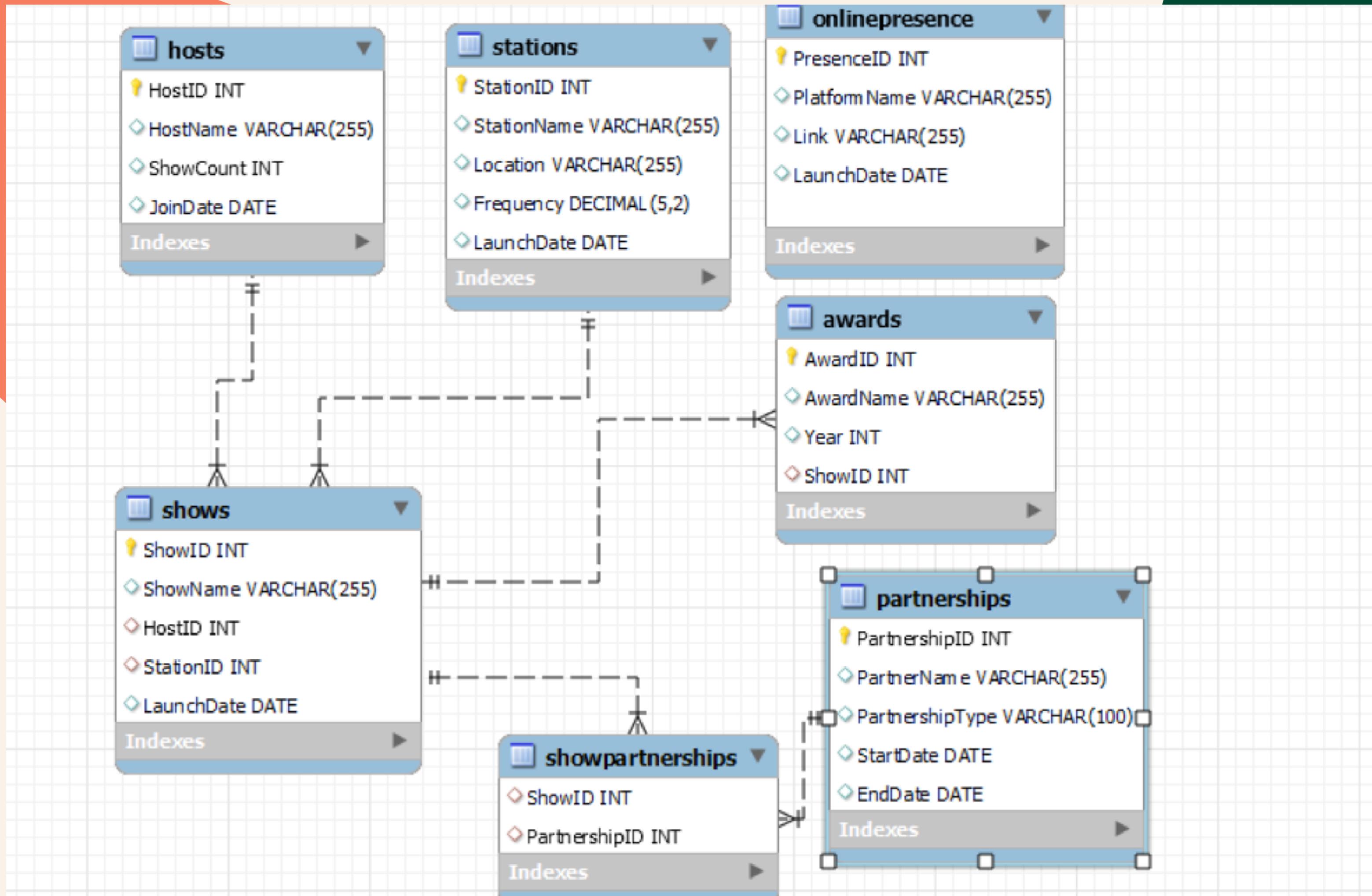
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PROJECT OVERVIEW

Our project delves into the vibrant world of Big FM 92.7, employing MySQL for in-depth data analysis. With a focus on stations, hosts, shows, and partnerships, our objective was to uncover valuable insights. Leveraging MySQL's robust capabilities, we navigated through the database to reveal trends, showcase host achievements, and identify strategic partnerships. This overview encapsulates the essence of our exploration, highlighting the power of MySQL in extracting meaningful information from the extensive dataset of Big FM 92.7.

TABLES -

- Stations
- Hosts
- Shows
- Partnerships
- ShowPartnerships
- Awards
- OnlinePresence





Retrieve all stations in the "East" region?

```
select * from stations where  
location='East';
```

List all shows hosted by "Vrajesh Hirjee"?

```
select h.HostID,  
h.HostName,  
s.ShowName  
from hosts h left join shows s on  
h.HostID=s.HostID  
where HostName="Vrajesh Hirjee";
```

Count the number of awards each show has won?

```
select ShowName,Count(AwardID) as  
'Number of Awards'  
from awards a inner join shows s on  
a.ShowID=s.ShowID  
group by ShowName  
order by 2 desc;
```

Find shows that have partnerships with "Spotify"?

```
select s.ShowName  
from Partnerships p inner join  
ShowPartnerships as sp on  
p.PartnershipID=sp.PartnershipID  
inner join shows s on s.ShowID=sp.ShowID  
where PartnerName='Spotify';
```

Retrieve hosts who joined before 2010?

```
select HostName,JoinDate  
from hosts  
where YEAR(JoinDate)<2010;
```

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

```
select ShowName,  
LaunchDate  
from shows  
order by LaunchDate desc;
```

Find the total count of shows for each host?

```
select HostName,  
ShowCount  
from hosts  
order by 2 desc;
```



Show the online presence platforms with their links?

select PlatformName,
Link
from OnlinePresence;

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

```
select *  
from stations  
where      Location='South'      and  
YEAR(LaunchDate)>2010;
```

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;
```

Thank you

for tuning to 92.7 FM radio station!

feel free to ask any questions