

1) List all channels along with their category and language.

```
SELECT Channel, Category, Language FROM on_air_channels_final;
```

2) Which channel has the highest average daily viewership?

```
SELECT Channel, Average_Daily_Viewership_millions FROM on_air_channels_final  
ORDER BY Average_Daily_Viewership_millions DESC LIMIT 1;
```

3) How many channels are available in more than one language?

```
SELECT Language, Count(Channel) AS 'Number_of_channels' FROM on_air_channels_final  
GROUP BY Language  
HAVING Language LIKE "%,%";
```

4) What is the total annual revenue across all channels?

```
SELECT SUM(Total_Annual_Revenue_million_USD) AS 'Total Revenue Across all Channels'  
FROM on_air_channels_final;
```

5) Which channels support HD or 4K availability?

```
SELECT Channel, SD_HD_4K_Availability FROM on_air_channels_final  
WHERE SD_HD_4K_Availability IN ("SD+HD", "HD", "4K");
```

6) Which three channels have the highest peak viewership?

```
SELECT Channel, Peak_Viewership_millions FROM on_air_channels_final  
ORDER BY Peak_Viewership_millions DESC LIMIT 3;
```

7) What is the average revenue for each category of channels?

```
SELECT Category, AVG(Total_Annual_Revenue_million_USD) AS 'Average Revenue per Category'  
FROM on_air_channels_final  
GROUP BY Category;
```

8) Which channels have produced more than 10 original productions?

```
SELECT Channel, Number_of_Original_Productions FROM on_air_channels_final  
WHERE Number_of_Original_Productions > 10;
```

9) Is there a relationship between prime-time hours and daily viewership?

```
SELECT Channel, Prime_Time_Broadcast_Hours_per_Day, Average_Daily_Viewership_millions FROM  
on_air_channels_final  
WHERE Prime_Time_Broadcast_Hours_per_Day > 4;
```

10) How many channels are available in each language?

```
SELECT Language, COUNT(Channel) AS 'Number of Channels' FROM on_air_channels_final  
GROUP BY Language;
```

11) List channels with a positive annual growth rate of viewership.

```
SELECT Channel, Annual_Growth_Rate_of_Viewership_Percentage FROM on_air_channels_final  
WHERE Annual_Growth_Rate_of_Viewership_Percentage > 0;
```

12) Identify channels where subscription revenue contributes to more than 50% of total revenue.

```
SELECT Channel, Subscription_Revenue_million_USD, Total_Annual_Revenue_million_USD  
FROM on_air_channels_final  
WHERE (Subscription_Revenue_million_USD/Total_Annual_Revenue_million_USD) > 0.5;
```

13) List channels with high viewership (>5 million) but low total revenue (<100 million USD).

```
SELECT Channel, Average_Daily_Viewership_millions, Total_Annual_Revenue_million_USD  
FROM on_air_channels_final  
WHERE Average_Daily_Viewership_millions > 5 AND Total_Annual_Revenue_million_USD < 100;
```

14) Which channels with more than 18 daily broadcast hours and have an average content rating above 8?

```
SELECT Channel, Average_Daily_Broadcast_Hours, Average_Content_Rating_max_10
FROM on_air_channels_final
WHERE Average_Daily_Broadcast_Hours > 18 AND Average_Content_Rating_max_10 > 8;
```

15) Which channels show both high annual growth in viewership and generate significant total revenue (>300 million USD)?

```
SELECT Channel, Annual_Growth_Rate_of_Viewership_Percentage,
Total_Annual_Revenue_million_USD
FROM on_air_channels_final
WHERE Annual_Growth_Rate_of_Viewership_Percentage > 10 AND
Total_Annual_Revenue_million_USD > 300;
```

16) When was the first channel launched ?

```
SELECT Channel, Launched FROM on_air_channels_final
ORDER BY Launched ASC LIMIT 1;
```

17) The most recently channel launched ?

```
SELECT Channel, Launched FROM on_air_channels_final
ORDER BY Launched DESC LIMIT 1;
```

18) The year with highest number of channels launched ?

```
SELECT Launched, COUNT(Channel)
FROM on_air_channels_final
GROUP BY Launched
ORDER BY COUNT(Channel) DESC LIMIT 1;
```

19) The first channel to be discontinued or dissolved and in which year and why ?

```
SELECT Channel, Defunct, Notes FROM dissolved_channels
ORDER BY Defunct ASC LIMIT 1;
```

20) The most recent channel discontinued and why ?

```
SELECT Channel, Defunct, Notes FROM dissolved_channels
ORDER BY Defunct DESC LIMIT 1;
```

21) The year with highest number of discontinued or dissolved channels ?

```
SELECT Defunct, COUNT(Channel)
FROM dissolved_channels
GROUP BY Defunct
ORDER BY COUNT(Channel) DESC LIMIT 1;
```

22) The channel/channels which were active for a longer time but later dissolved ?

```
SELECT Channel, Duration_of_Activity_In_Years
FROM dissolved_channels
ORDER BY Duration_of_Activity_In_Years DESC LIMIT 1;
```

23) The category with most number of dissolved channels ?

```
SELECT Category, COUNT(Channel)
FROM dissolved_channels
GROUP BY Category
ORDER BY COUNT(Channel) DESC LIMIT 1;
```

24) The language in which most number of channels were dissolved ?

```
SELECT Language, COUNT(Channel)
FROM dissolved_channels
GROUP BY Language
ORDER BY COUNT(Channel) DESC LIMIT 1;
```

25) The Disney Star Network does not own any news channel currently. Find out the channels which were once a part of Star Network and what happened to them ?

```
SELECT Channel, Category, Language, Notes
FROM dissolved_channels
WHERE Category = 'News';
```