

## Netflix SQL Project - Questions and Answers

**Q1. Retrieve all records from the `netflix\_movies\_and\_tv\_shows` table.**

```
SELECT * FROM netflix_movies_and_tv_shows;
```

**Q2. Show the structure of the `netflix\_movies\_and\_tv\_shows` table.**

```
DESC netflix_movies_and_tv_shows;
```

**Q3. Count the total number of records in the dataset.**

```
SELECT COUNT(*) FROM netflix_movies_and_tv_shows;
```

**Q4. List all distinct content types available.**

```
SELECT DISTINCT type FROM netflix_movies_and_tv_shows;
```

**Q5. Retrieve the first 10 rows from the dataset.**

```
SELECT * FROM netflix_movies_and_tv_shows LIMIT 10;
```

**Q6. Find all movies released in 2020.**

```
SELECT * FROM netflix_movies_and_tv_shows WHERE type = 'Movie' AND release_year = 2020;
```

**Q7. Get all TV shows produced in India.**

```
SELECT * FROM netflix_movies_and_tv_shows WHERE type = 'TV Show' AND country = 'India';
```

**Q8. Search for all titles that contain the word "Love".**

```
SELECT * FROM netflix_movies_and_tv_shows WHERE title LIKE '%Love%';
```

**Q9. Display the five most recently released titles by release year.**

```
SELECT * FROM netflix_movies_and_tv_shows ORDER BY release_year DESC LIMIT 5;
```

**Q10. Retrieve the top 10 longest movies based on duration.**

```
SELECT * FROM netflix_movies_and_tv_shows WHERE type = 'Movie' AND duration LIKE '%min%'
ORDER BY CAST(SUBSTRING_INDEX(duration, ' ', 1) AS UNSIGNED) DESC LIMIT 10;
```

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**Q11. Count how many titles exist in each content type.**

```
SELECT type, COUNT(*) AS total FROM netflix_movies_and_tv_shows GROUP BY type;
```

**Q12. List the most frequent titles in the dataset.**

```
SELECT title, COUNT(*) AS total FROM netflix_movies_and_tv_shows WHERE title IS NOT NULL  
GROUP BY title ORDER BY total DESC LIMIT 10;
```

**Q13. Show the number of titles released each year.**

```
SELECT release_year, COUNT(*) AS total FROM netflix_movies_and_tv_shows GROUP BY  
release_year ORDER BY release_year;
```

**Q14. Retrieve the top 10 countries with the most titles.**

```
SELECT country, COUNT(*) AS total FROM netflix_movies_and_tv_shows WHERE country IS NOT  
NULL GROUP BY country ORDER BY total DESC LIMIT 10;
```

**Q15. Find all records where the title is missing.**

```
SELECT * FROM netflix_movies_and_tv_shows WHERE title IS NULL OR title = '';
```

**Q16. Count how many records have missing country information.**

```
SELECT COUNT(*) FROM netflix_movies_and_tv_shows WHERE country IS NULL OR country = '';
```

**Q17. Retrieve all titles suitable for children (G or TV-Y).**

```
SELECT * FROM netflix_movies_and_tv_shows WHERE rating IN ('G', 'TV-Y');
```

**Q18. Get all U.S. TV shows released after 2015.**

```
SELECT * FROM netflix_movies_and_tv_shows WHERE type = 'TV Show' AND country = 'United  
States' AND release_year > 2015;
```

**Q19. Find all titles where the genre ends with the letter "a".**

```
SELECT * FROM netflix_movies_and_tv_shows WHERE genre IS NOT NULL AND genre LIKE '%a';
```

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**Q20. Retrieve all titles released in 2021.**

```
SELECT * FROM netflix_movies_and_tv_shows WHERE release_year = 2021;
```

**Q21. Show the five oldest titles based on release year.**

```
SELECT * FROM netflix_movies_and_tv_shows ORDER BY release_year ASC LIMIT 5;
```