

## **SCHEMAS of Netflix**

CREATE TABLE netflix

```
(
    show_id    VARCHAR(5),
    type       VARCHAR(10),
    title      VARCHAR(250),
    director   VARCHAR(550),
    casts      VARCHAR(1050),
    country    VARCHAR(550),
    date_added VARCHAR(55),
    release_year INT,
    rating     VARCHAR(15),
    duration   VARCHAR(15),
    listed_in  VARCHAR(250),
    description VARCHAR(550)
);
```

---

Q1.Count the number of Movies vs TV Shows

SELECT

```
    type,
    COUNT(*) AS total_count
```

FROM netflix

GROUP BY 1;

---

Q2.Find the most common rating for movies and TV shows

```
SELECT
    type,
    rating,
    COUNT(*) AS rating_count
FROM
(
SELECT
    type,
    rating,
    COUNT(*) AS rating_count,
    RANK () OVER(PARTITION BY type ORDER BY COUNT(*) DESC) AS rn
FROM netflix
GROUP BY 1,2
) AS t1
WHERE rn=1
GROUP BY 1,2;
```

---

Q3.List all movies released in a specific year (e.g., 2020)

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

---

Q4.Find the top 5 countries with the most content on Netflix

```
SELECT * FROM
(
SELECT
```

```
        UNNEST(STRING_TO_ARRAY(country,',')) AS country,
        COUNT(*) AS total_content
FROM netflix
GROUP BY 1
) AS t1
WHERE country IS NOT NULL AND country <> 'unknown'
ORDER BY 2 DESC
LIMIT 5;
```

---

Q5. Identify the longest movie.

```
SELECT * FROM netflix
WHERE type = 'Movie'
ORDER BY SPLIT_PART(duration,',', 1)::INT DESC;
```

---

Q6. Find content added in the last 5 years

```
SELECT * FROM netflix
WHERE date_added >= CURRENT_DATE - INTERVAL '5 years';
```

---

Q7. Find all the movies/TV shows by director 'Rajiv Chilaka'!

```
SELECT *
FROM
(
SELECT
    type,
    UNNEST(STRING_TO_ARRAY(director, ',')) AS director_name
FROM netflix
```

) AS t1

WHERE

director\_name = 'Rajiv Chilaka';

---

Q8.List all TV shows with more than 5 seasons

SELECT \* FROM netflix

WHERE

type = 'TV Show'

AND

SPLIT\_PART(duration, ' ', 1)::INT > 5;

---

Q9.Count the number of content items in each genre.

SELECT

UNNEST(STRING\_TO\_ARRAY(listed\_in, ',')) AS genre,

COUNT(\*) AS total\_content

FROM netflix

GROUP BY 1;

---

Q10.Find each year and the average numbers of content release by India on netflix.

return top 5 year with highest avg content release !

SELECT

country,

EXTRACT(YEAR FROM date\_added) AS year,

COUNT(\*) AS total\_content,

ROUND(COUNT(\*)::numeric/(SELECT COUNT(\*) FROM netflix WHERE country =  
'India')::numeric\*100,2) AS avg\_content

```
FROM netflix
WHERE country = 'India'
GROUP BY 1,2
ORDER BY 4 DESC
LIMIT 5;
```

---

Q11. List all movies that are documentaries.

```
SELECT * FROM netflix
WHERE listed_in LIKE '%Documentaries%'
      AND type = 'Movie';
```

-----OR-----

```
SELECT * FROM netflix
WHERE listed_in ILIKE '%documentaries%'
      AND type = 'Movie';
```

---

Q12. Find all content without a director.

```
SELECT * FROM netflix
WHERE director IS NULL;
```

---

Q13. Find how many movies actor 'Salman Khan' appeared in last 10 years!

```
SELECT * FROM netflix
WHERE casts LIKE '%Salman Khan%'
      AND release_year > EXTRACT(YEAR FROM CURRENT_DATE) - 10;
```

---

Q14.Find the top 10 actors who have appeared in the highest number of movies produced in India.

```
SELECT
    UNNEST(STRING_TO_ARRAY(casts, ',')) AS actor,
    COUNT(*) AS movie_count
FROM netflix
GROUP BY 1
ORDER BY 2 DESC
LIMIT 10;
```

---

Q15.Categorize the content based on the presence of the keywords 'kill' and 'violence' in the description field. Label content containing these keywords as 'Bad' and all other content as 'Good'. Count how many items fall into each category.

```
WITH CTE AS
(
SELECT
    CASE
        WHEN description ILIKE '%kill%' OR description ILIKE '%violence%' THEN 'Bad'
        ELSE 'Good'
    END AS category
FROM netflix
)
SELECT
    category,
    COUNT(*) AS content_count
```

FROM CTE

GROUP BY 1;

---