**NETFLIX ANALYSIS SQL QUERIES**

**Business Problems and Solutions**

1.Count the Number of Movies vs TV Shows:

SELECT type,

COUNT(\*) AS num\_movies\_tvshows

FROM netflix\_titles

GROUP BY type;

A screenshot of a computer

AI-generated content may be incorrect.

Objective: Determine the distribution of content types on Netflix.

2. Find the Most Common Rating for Movies and TV Shows

WITH RatingCounts AS (

SELECT

type,

rating,

COUNT(\*) AS count,

RANK() OVER (PARTITION BY type ORDER BY COUNT(\*) DESC) AS ranking

FROM netflix\_titles

WHERE rating IS NOT NULL

GROUP BY type, rating

)

SELECT type, rating, count

FROM RatingCounts

WHERE ranking = 1;

A screenshot of a computer

AI-generated content may be incorrect.

Objective: Identify the most frequently occurring rating for each type of content

3. List All Movies Released in a Specific Year (e.g., 2020)

SELECT \*

FROM netflix\_titles

WHERE release\_year = 2020.

Objective: Retrieve all movies released in a specific year.

4.Find the Top 5 Countries with the Most Content on Netflix

SELECT TOP 5 country, COUNT(\*) AS total\_content

FROM netflix\_titles

WHERE country IS NOT NULL

GROUP BY country

ORDER BY total\_content DESC

A screenshot of a computer

AI-generated content may be incorrect.

Objective: Identify the top 5 countries with the highest number of content items.

5. Identify the Longest Movie

SELECT TOP 1 title, duration

FROM netflix\_titles

ORDER BY duration DESC;

A screenshot of a computer

AI-generated content may be incorrect.

Objective: Find the movie with the longest duration.

6. Find Content Added in the Last 5 Years

SELECT title, type, country, date\_added

FROM netflix\_titles

WHERE date\_added IS NOT NULL

AND date\_added >= DATEADD(YEAR, -5, GETDATE())

ORDER BY date\_added DESC;

Objective: Retrieve content added to Netflix in the last 5 years.

7. Find All Movies/TV Shows by Director 'Steven Spielberg'

SELECT title, type

FROM netflix\_titles

WHERE director = 'Steven Spielberg'

ORDER BY date\_added DESC;

A screenshot of a computer

AI-generated content may be incorrect.

Objective: List all content directed by 'Steven Spielberg'

8. List All TV Shows with More Than 5 Seasons

SELECT title, type, country, duration

FROM netflix\_titles

WHERE type = 'TV Show'

AND duration LIKE '%Seasons%'

AND TRY\_CAST(SUBSTRING(duration, 1, CHARINDEX(' ', duration) - 1) AS INT) > 5

ORDER BY duration DESC;

A screen shot of a television show

AI-generated content may be incorrect.

Objective: Identify TV shows with more than 5 seasons.

9. Count the Number of Content Items in Each Genre

SELECT listed\_in, COUNT(\*) AS content\_count

FROM netflix\_titles

WHERE listed\_in IS NOT NULL

GROUP BY listed\_in

ORDER BY content\_count DESC;

A list of movies on a screen

AI-generated content may be incorrect.

Objective: Count the number of content items in each genre.

10. Find the average number of content releases per year in **Canada** on Netflix. return top 5 year with highest avg content release

SELECT TOP 5 release\_year AS year, AVG(content\_count) AS avg\_content\_release

FROM (

SELECT release\_year, COUNT(\*) AS content\_count

FROM netflix\_titles

WHERE country = 'Canada' AND release\_year IS NOT NULL

GROUP BY release\_year

) AS year\_content\_counts

GROUP BY release\_year

ORDER BY avg\_content\_release DESC;

A screenshot of a computer

AI-generated content may be incorrect.

Objective: Calculate and rank years by the average number of content releases by Canada.

11. List All Movies that are Documentaries

SELECT \*

FROM netflix\_titles

WHERE listed\_in LIKE '%Documentaries';

Objective: Retrieve all movies classified as documentaries.

12.Find How Many Movies Actor 'Ryan Reynolds' Appeared in the Last 10 Years

SELECT COUNT(\*) AS movie\_count

FROM netflix\_titles

WHERE date\_added >= DATEADD(YEAR, -10, GETDATE())

AND type = 'Movie'

AND cast LIKE '%Ryan Reynolds%’;

A screenshot of a computer

AI-generated content may be incorrect.

Objective: Count the number of movies featuring 'Ryan Reynolds' in the last 10 years.

13.Find the Top 10 Actors Who Have Appeared in the Highest Number of Movies Produced in Canada

A screenshot of a computer

AI-generated content may be incorrect.

Objective: Identify the top 10 actors with the most appearances in Canada-produced movies.

14.Categorize Content Based on the Presence of 'Kill' and 'Violence' Keywords

SELECT

CASE

WHEN LOWER(title) LIKE '%kill%' OR LOWER(description) LIKE '%kill%'

OR LOWER(title) LIKE '%violence%' OR LOWER(description) LIKE '%violence%' THEN 'Bad'

ELSE 'Good'

END AS category,

COUNT(\*) AS content\_count

FROM netflix\_titles

GROUP BY

CASE

WHEN LOWER(title) LIKE '%kill%' OR LOWER(description) LIKE '%kill%'

OR LOWER(title) LIKE '%violence%' OR LOWER(description) LIKE '%violence%' THEN 'Bad'

ELSE 'Good'

END;

A screenshot of a computer

AI-generated content may be incorrect.

Categorize content as 'Bad' if it contains 'kill' or 'violence' and 'Good' otherwise. Count the number of items in each category.