GUANDARU DEDAN KIMATHI

POWER LEARN PROJECT

NETFLIX DATASET ANALYSIS

ALL MY SQL QUERIES

1. Most Common Rating
   ```
   SELECT rating, COUNT(*) AS count
   FROM netflix_titles
   GROUP BY rating
   ORDER BY count DESC
   LIMIT 1;
   ```

2. Most Popular Genre
   ```
   SELECT listed_in, COUNT(*) AS count
   FROM netflix_titles
   GROUP BY listed_in
   ORDER BY count DESC
   LIMIT 1;
   ```

3. Directors with the most shows
   ```
   SELECT director, COUNT(*) AS count
   FROM netflix_titles
   GROUP BY director
   ORDER BY count DESC
   LIMIT 3;
   ```

4. Top 3 Genres with most shows
   ```
   SELECT listed_in, COUNT(*) AS count
   FROM netflix_titles
   GROUP BY listed_in
   ORDER BY count DESC
   LIMIT 3;
   ```

5. Top 5 Countries with the Most Diverse Genres
   ```
   SELECT country, COUNT(DISTINCT listed_in) AS genre_count
   FROM netflix_titles
   GROUP BY country
   ORDER BY genre_count DESC
   LIMIT 6;
   ```

6. Which Genres Have the Highest Average Release Year
   ```
   SELECT listed_in, AVG(release_year) AS average_release_year
   FROM netflix_titles
   ```

GROUP BY listed_in
ORDER BY average_release_year DESC
LIMIT 5;

7. What is the Distribution of Show Durations
SELECT duration, COUNT(*) AS count
FROM netflix_titles
GROUP BY duration
ORDER BY count DESC;

8. Which Year Had the Most Shows Released
SELECT release_year, COUNT(*) AS count
FROM netflix_titles
GROUP BY release_year
ORDER BY count DESC
LIMIT 1;

9. What is the Average Rating of Shows for Each Genre
SELECT listed_in, AVG(rating) AS average_rating
FROM netflix_titles
GROUP BY listed_in
ORDER BY average_rating DESC;

10. How Many Shows Have Been Added in the Last Year
SELECT COUNT(*) AS count
FROM netflix_titles
WHERE date_added >= DATE_SUB(CURDATE(), INTERVAL 1 YEAR);