Netflix SQL Data Analysis Project

# 📌 Project Overview

This project involves exploring the Netflix dataset using SQL in PostgreSQL. The analysis is aimed at answering 15 real-world business questions, including content trends, top actors, genre distribution, and more.

# 📁 Dataset Source

The dataset used in this project is publicly available on Kaggle: https://www.kaggle.com/datasets/shivamb/netflix-shows

# 🛠 Tools Used

- PostgreSQL  
- SQL  
- Kaggle Netflix Dataset

# 📈 Business Questions Solved

* 1. Count the number of Movies vs TV Shows
* 2. Find the most common rating for movies and TV shows
* 3. List all movies released in a specific year (e.g., 2020)
* 4. Find the top 5 countries with the most content on Netflix
* 5. Identify the longest movie
* 6. Find content added in the last 5 years
* 7. Find all the movies/TV shows by director 'Rajiv Chilaka'
* 8. List all TV shows with more than 5 seasons
* 9. Count the number of content items in each genre
* 10. Find each year and the average numbers of content release in India on Netflix; return top 5 years with highest average releases
* 11. List all movies that are documentaries
* 12. Find all content without a director
* 13. Find how many movies actor 'Salman Khan' appeared in the last 10 years
* 14. Find the top 10 actors who have appeared in the highest number of movies produced in India
* 15. Categorize the content as 'Good' or 'Bad' based on keywords like 'kill' and 'violence' in the description

# 🚀 How to Use This Project

1. Clone or download this repository.  
2. Load the dataset into your PostgreSQL environment.  
3. Run the queries from the `netflix\_analysis.sql` file.  
4. Interpret the results to generate business insights.