

# Netflix Data Analytics Project - Business Problems

## Netflix Data Analytics Project

### *15 Unique Business Problems*

This project analyzes Netflix data using SQL to solve 15 distinct business problems. Each problem is designed to provide unique insights into Netflix content trends, content types, user engagement metrics, and content classification.

The goal is to demonstrate advanced SQL skills through real-world data scenarios and produce actionable analytics results.

**Problem 1: Identify the trend of content production - Count the number of titles released per year and genre.**

**Problem 2: Find the average number of actors per title - Measure whether movies or TV shows tend to have more actors.**

**Problem 3: Identify the top 5 fastest-growing genres in the last 5 years.**

**Problem 4: Find the director who worked with the most unique actors and count them.**

**Problem 5: Calculate the average maturity score of content based on rating categories to determine the most family-friendly genres.**

**Problem 6: Find which month sees the most content added to Netflix (seasonal trend analysis).**

**Problem 7: Identify the country with the highest ratio of TV shows to movies.**

**Problem 8: List all TV shows with more than 5 seasons.**

**Problem 9: Count the number of content items in each genre.**

**Problem 10: Find content that features both 'love' and 'war' in the description and analyze the year distribution.**

**Problem 11: Identify countries where more than 70% of produced content is documentaries.**

**Problem 12: Find the most common release year for movies with no listed director.**

**Problem 13: Identify 'one-hit wonder' directors - directors who have only one title on Netflix.**

**Problem 14: Determine the median number of seasons for TV shows by country.**

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**Problem 15: Create a content maturity profile - categorize shows/movies as 'Family', 'Teen', or 'Adult'**

This README serves as an overview of the business questions tackled in this project. SQL solutions and detailed analysis accompany each problem in the project repository.