

# Exploratory Data Analysis Report: Netflix Titles

This report provides insights into the Netflix dataset through exploratory data analysis (EDA). The dataset includes movies and TV shows available on Netflix along with attributes such as type, country, release year, rating, and genre. The analysis highlights content distribution, trends over time, geographic spread, and audience ratings.

## Key Findings:

1. **Movies vs. TV Shows:** Movies dominate Netflix's catalog compared to TV shows, showing Netflix's preference for movies.
2. **Content Growth:** The number of titles on Netflix has increased sharply after 2015, reflecting the platform's global expansion.
3. **Top Producing Countries:** The United States leads content production, followed by India and the United Kingdom.
4. **Ratings:** The most frequent ratings are TV-MA and TV-14, suggesting Netflix's strong focus on mature and teen audiences.
5. **Genres:** Dramas, Comedies, and Documentaries are the most popular categories, indicating audience preference for diverse and engaging storytelling.

## Conclusion:

The analysis confirms Netflix's strategic emphasis on movies, international expansion, and mature audience-focused content. Genres such as drama and comedy dominate, while emerging markets like India have significantly contributed to Netflix's content growth. These insights demonstrate Netflix's adaptability and global strategy in shaping its catalog to cater to diverse audiences worldwide.