# ■ Netflix Data Analysis Report

### Introduction

This report presents an analysis of Netflix's dataset, including content type distribution, country-wise content availability, genres, ratings, and movie durations.

### Content Types

The dataset contains 8,790 entries: Movies (6,126) and TV Shows (2,664). Movies dominate Netflix's library.

### Country-wise Distribution

The United States leads with 3,240 titles, followed by India (1,057) and the United Kingdom (638). Pakistan contributes 421 titles, with other countries contributing fewer entries.

### Release Year Distribution

Most content has been released after 2010, with a significant increase in titles from 2015 onwards.

### Genres

Top genres include International Movies, Dramas, and Comedies. The variety highlights Netflix's diverse global audience.

### Ratings

Ratings are spread across categories such as TV-MA, TV-14, PG-13, and TV-PG. TV-MA dominates, indicating mature audience targeting.

### Movie Durations

Movie durations vary widely, but most films are between 80–120 minutes. Some outliers exist with very short or long runtimes.

### Correlation Insights

A correlation heatmap was created to study relationships among encoded variables. However, no strong correlations were identified between features like duration, ratings, and release year.

### Conclusion

Netflix's catalog shows a strong dominance of movies and American content, with increasing global contributions. The platform emphasizes mature content while maintaining genre diversity.