

■ Netflix Dataset Analysis Report

This report presents an exploratory data analysis (EDA) of the Netflix dataset containing details about movies and TV shows available on the platform. The analysis was performed in Google Colab using Python libraries such as Pandas, Matplotlib, Seaborn, and Scikit-learn. The dataset includes 8,790 records with 10 attributes such as title, type, director, country, release year, rating, duration, and genres.

■ Dataset Overview

Entries	8,790
Columns	10
Size	~686 KB

■ Key Findings

- Movies dominate Netflix's catalog (6,126 Movies vs 2,664 TV Shows).
- Top contributing countries: United States (3,240), India (1,057), United Kingdom (638), Pakistan (421).
- Most titles released after 2000, with a peak between 2015–2021.
- Popular genres include International TV Shows, Dramas, Comedies, Documentaries, and Kids' TV.
- Most common ratings: TV-MA, TV-14, and TV-PG.
- Typical movie length is 80–120 minutes.

■ Conclusion

Netflix hosts more Movies than TV Shows. The United States & India contribute the largest share of content. TV-MA and TV-14 are the most common ratings, reflecting adult-oriented content. Genres are diverse, but International TV Shows, Dramas, and Comedies dominate. The dataset is well-structured and suitable for further machine learning tasks such as recommendation systems or content trend analysis.