

Netflix Movies & TV Shows - EDA Assignment

■ Problem Statement:

Netflix has become one of the world's largest entertainment platforms, offering thousands of movies and TV shows. Understanding its content trends can help producers, marketers, and strategists make data-driven decisions. In this assignment, students will perform Exploratory Data Analysis (EDA) on Netflix's titles dataset to uncover trends related to genres, countries, release years, and content ratings.

■ Dataset Link:

Netflix Movies and TV Shows - Kaggle

■ EDA Questions:

- How many total movies vs TV shows are in the dataset?
- Which are the top 10 countries producing Netflix content?
- What is the most common genre on Netflix?
- Which years saw the highest number of releases?
- What is the distribution of content ratings (G, PG, PG-13, TV-MA, etc.)? •

Which directors have the most titles on Netflix?

■ Visualization Questions:

- Bar chart showing Movies vs TV Shows count.

- Horizontal bar chart of Top 10 countries by content count.
- Pie chart showing content type distribution by rating.
- Line plot showing number of releases per year.
- Heatmap showing country vs genre frequency.