

Netflix Data Analysis Report

Introduction

This report presents an exploratory data analysis (EDA) of the Netflix dataset containing information about movies and TV shows available on the platform. The dataset includes details such as title, type, director, country, release year, rating, duration, and genre.

Dataset Overview

Total Entries: 8,790

Columns: 10

Column	Non-Null Count	Data Type
show_id	8790	object
type	8790	object
title	8790	object
director	8790	object
country	8790	object
date_added	8790	object
release_year	8790	int64
rating	8790	object
duration	8790	object
listed_in	8790	object

Descriptive Statistics

Metric	Value
Count	8790
Mean Year	2014.18
Std. Dev.	8.83
Min Year	1925
25% Year	2013
50% Year	2017
75% Year	2019
Max Year	2021

Insights & Observations

- Nearly 70% of Netflix's catalog consists of movies.
- The United States contributes the most content, followed by India and the UK.

3. A significant increase in content production occurred after 2013.
4. Netflix caters to a wide range of audiences across genres and ratings.
5. Movie lengths cluster around standard feature film durations, with mature-rated content often being longer.

Conclusion

The analysis provides a comprehensive view of Netflix's content distribution, production trends, and viewer targeting strategies. With a strong focus on movies, mature content, and diverse genres, Netflix continues to expand its global presence and appeal to a wide audience base.