

Investing if the duration of certain movies on Netflix is getting shorter.

1.Objectives:

- To perform exploratory data analysis on the netflix_data.csv data to understand what may be contributing to movies getting shorter over time.
- To use scatter plot to understand if the movies are getting shorter.

2.Data:

- A dataset from Data camp Projects
- Data consists of 7790 records of 11 variables.

3.Data Description:

The dataset contains 11 variables as shown below:

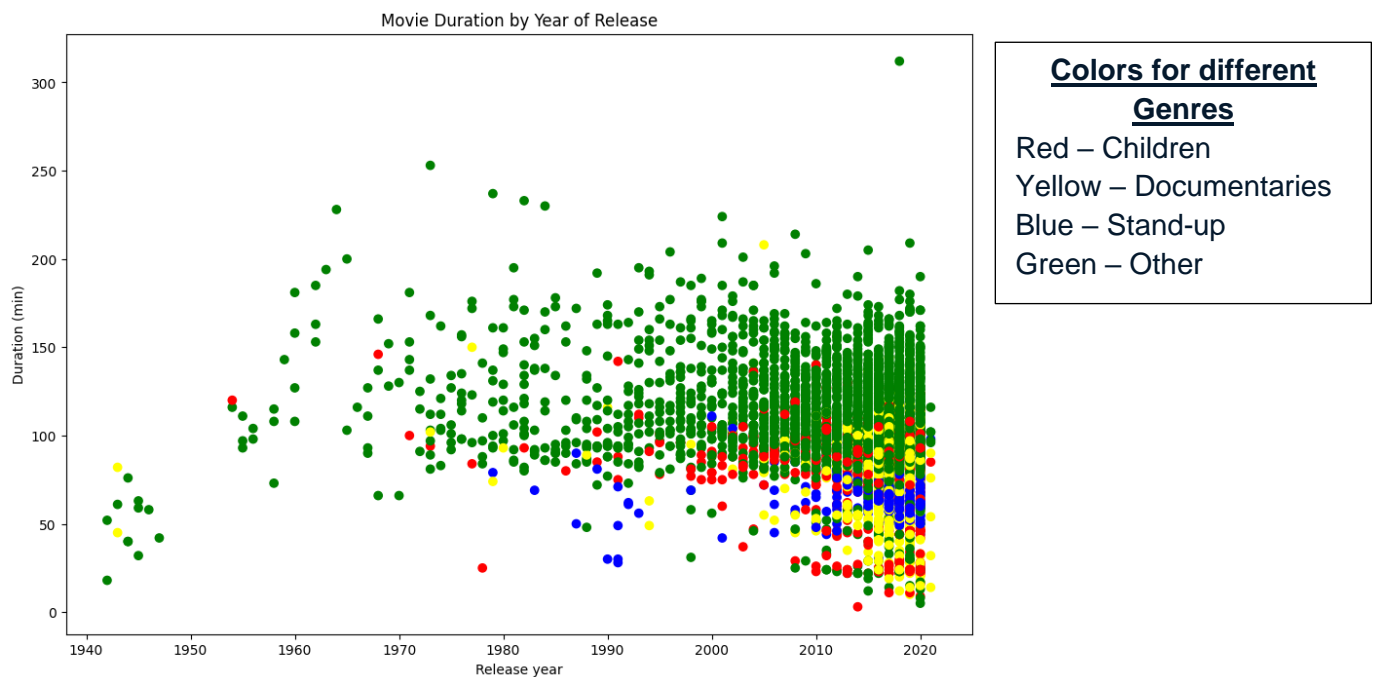
Column	Description
show_id	The ID of the show
type	Type of show
title	Title of the show
director	Director of the show
cast	Cast of the show
country	Country of origin
date_added	Date added to Netflix
release_year	Year of Netflix release
duration	Duration of the show in minutes
description	Description of the show
genre	Show genre

4.Data Analysis:

- Create a subset of the main data frame to assess whether movies within specific genres are experiencing a decrease in duration.
- Create a subset of the main data frame containing movies with durations of less than 60 minutes. Analyze and explore the predominant genres within this subset.

5. Use of scatter plot:

- Using Scatter plot analyze if duration of the movies is getting shorter.



7. Results:

The scatter plot indicates that there is no distinct trend of movies from any specific genre predominantly decreasing in duration.