Data analysis on Netflix titles

Dataset descripton

This dataset consists of tv shows and movies available on Netflix as of 2020. The dataset is collected from Flixable which is a third-party Netflix search engine.
Dataset contains from 7787 rows and 12 columns.

Dataset descripton

NETFLIX

Information about columns:

- Show ID - unique ID of that particular show
- Type - type of the video - movie, TV Series etc.
- Title - title of the video
- Director - director name
- Cast - cast members
- Country - country where it was released
- Data Added - date when it became live on NETFLIX
- Release Year - year of release
- Rating - user rating
- Duration - duration of the movie, TV Series etc.
- Listed in - Genre information
- Description - concise plot of the series

Dataset has 3631 null values
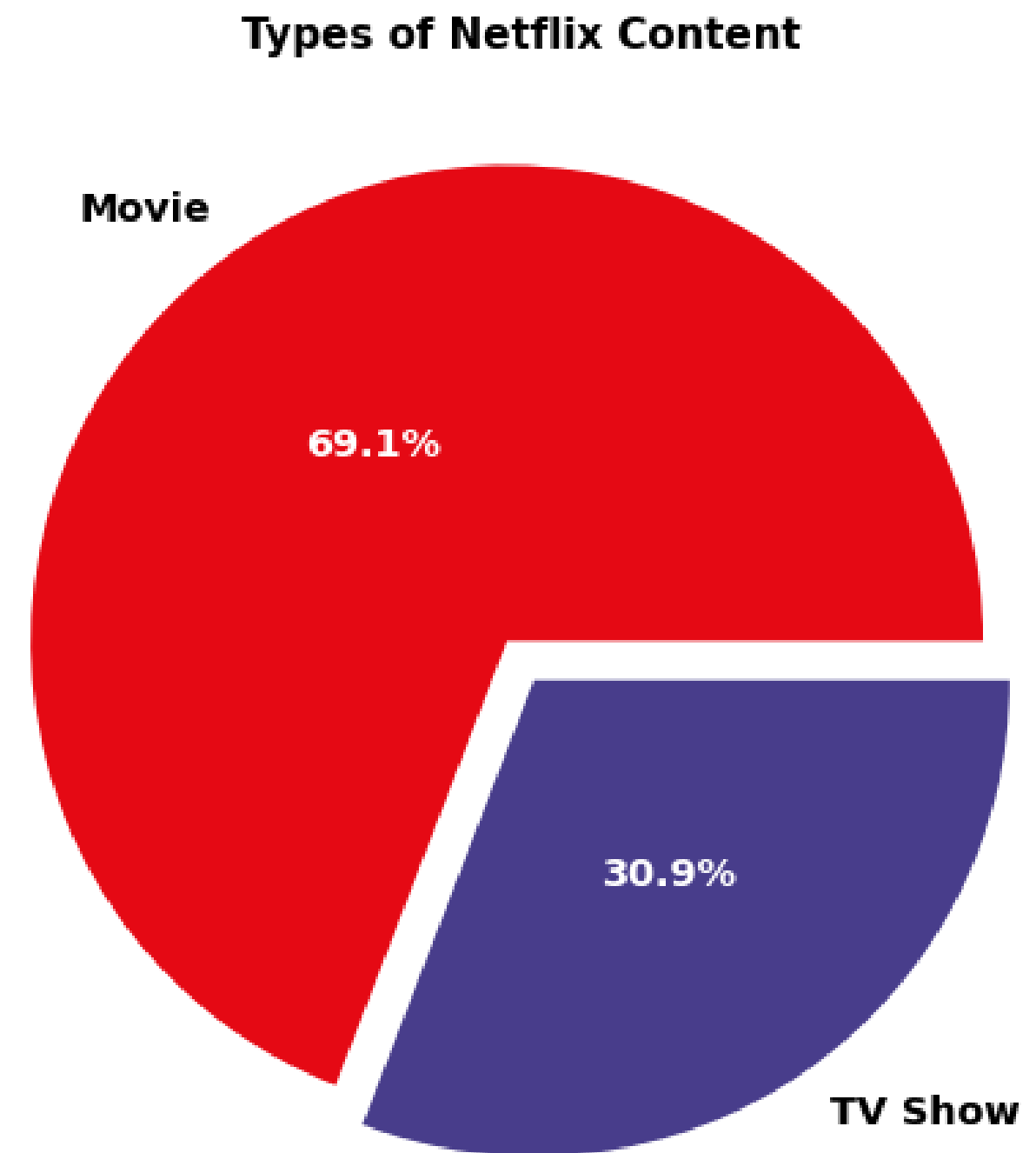
```
data.isna().sum()

show_id              0
type                 0
title                0
director          2389
cast               718
country            507
date_added          10
release_year         0
rating               7
duration             0
listed_in            0
description          0
dtype: int64
```

Analyzing data

Categorical variable: Type

- 69,1% of Netflix content is Movies
- 30,9% is TV Shows

Types of Netflix Content
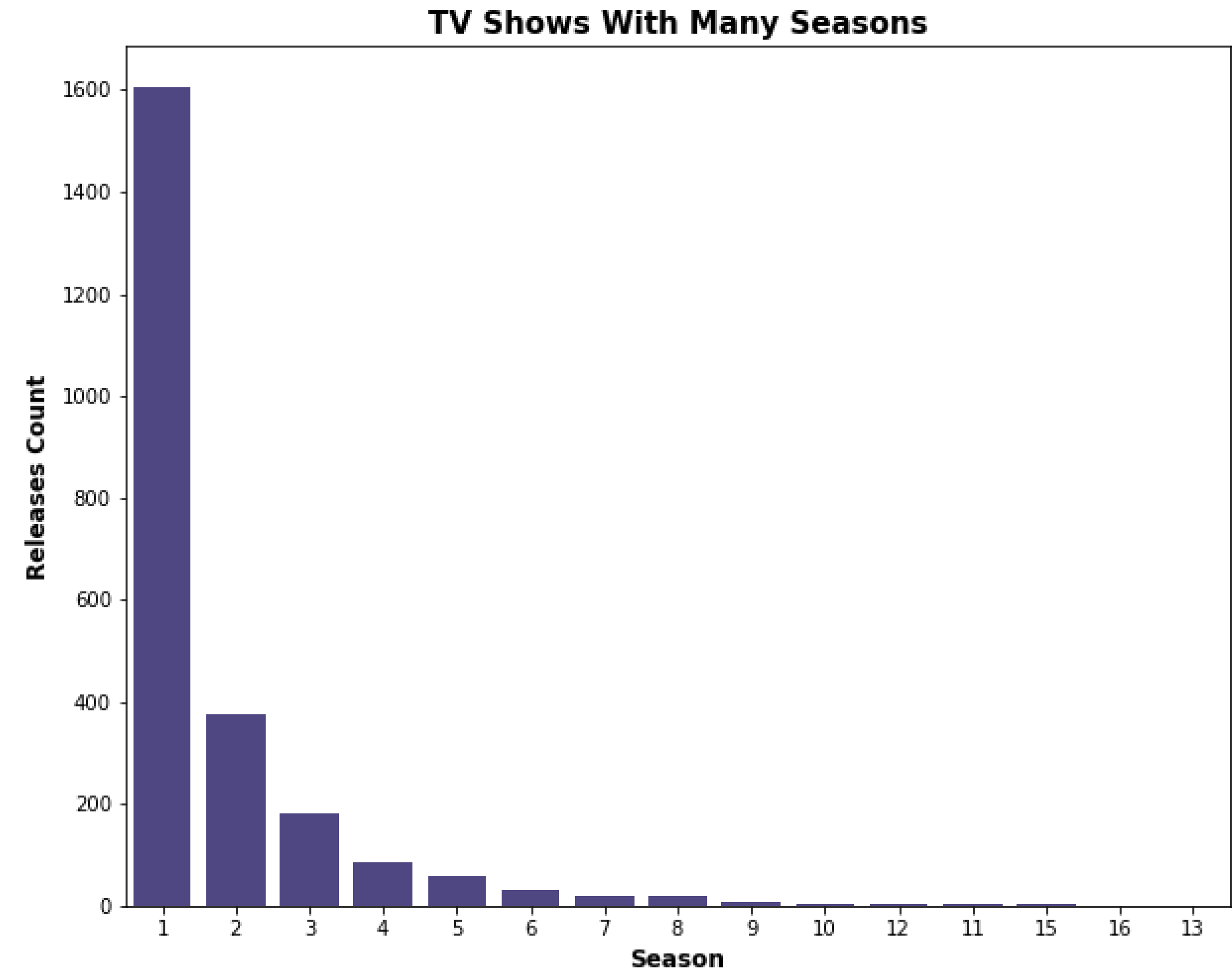
Movie

69.1%

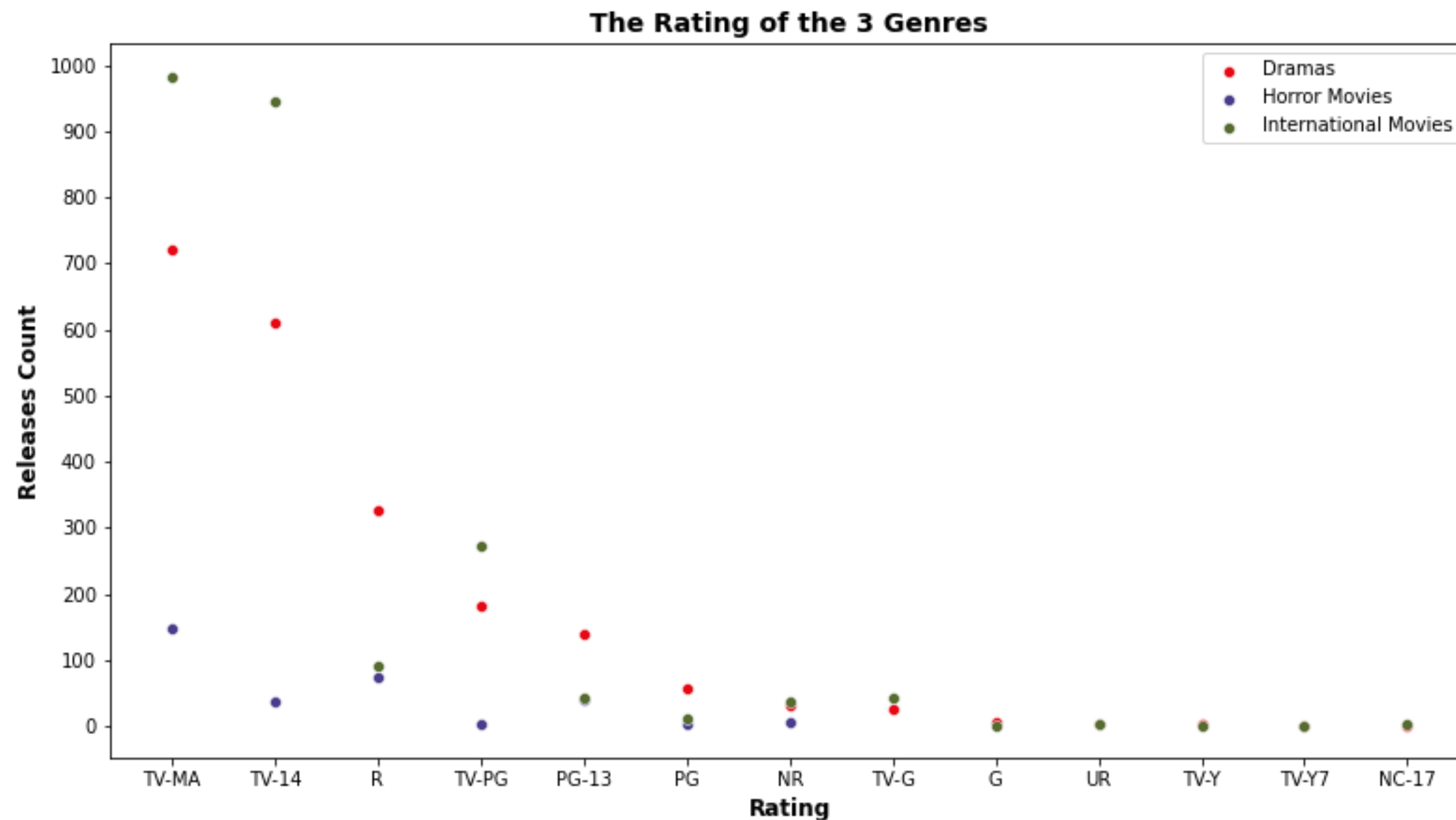30.9%

TV Show

Analyzing data

Numerical variable: Season count

- TV Shows with season 1-3 is over than 200
- 3+ seasons is lower than 200
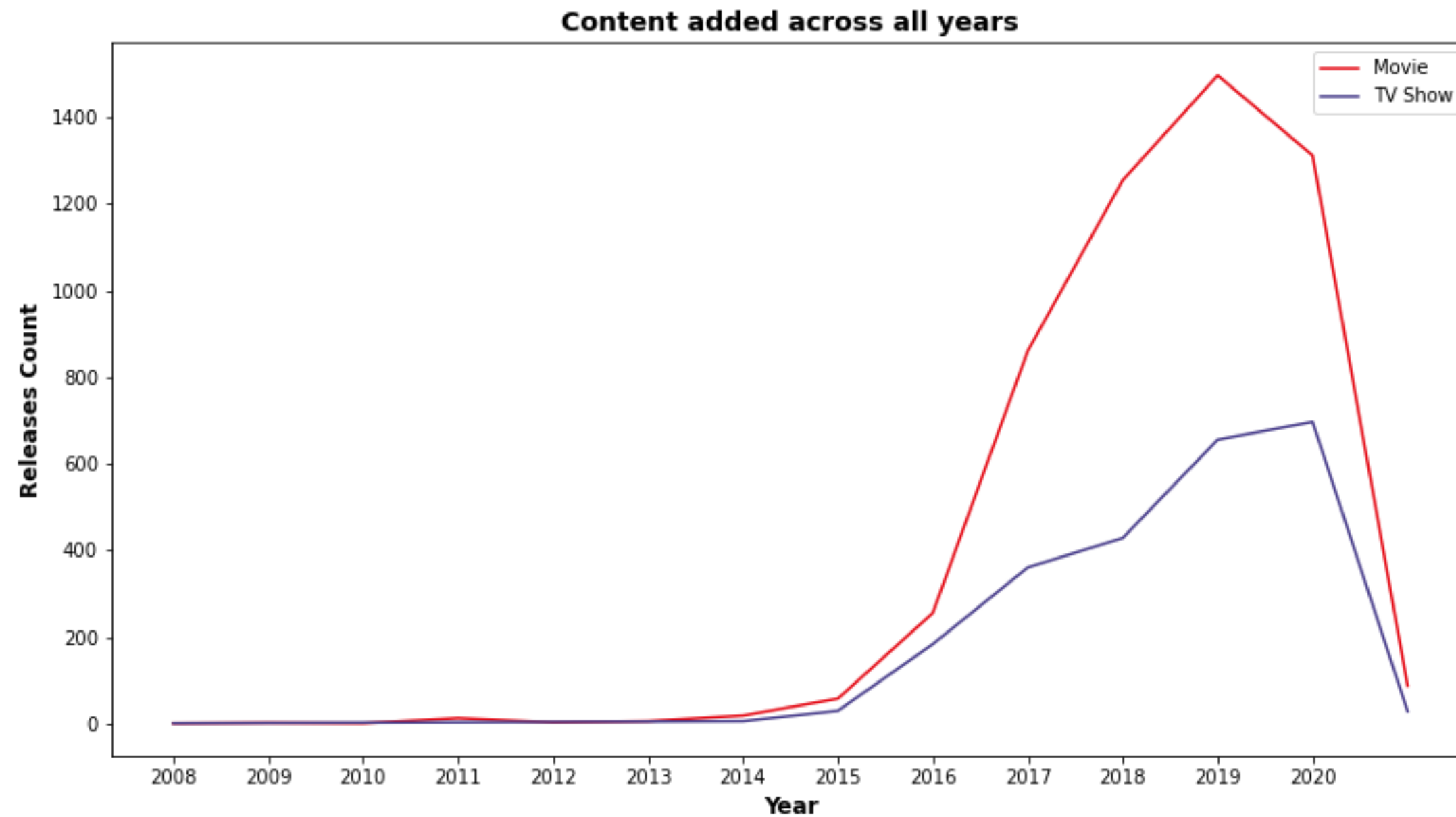
The content with short duriation is over than long

TV Shows With Many Seasons

Analyzing data

Set of Genre and Rating variables

The Rating of the 3 Genres

- Dramas genre content most in TV-MA and TV-14 ratings
- Horor movies not so much it's generally in TV-MA and R ratings
- International Movies in like Dramas but International Movies is higher

Analyzing data

With date variable: Date added(year)
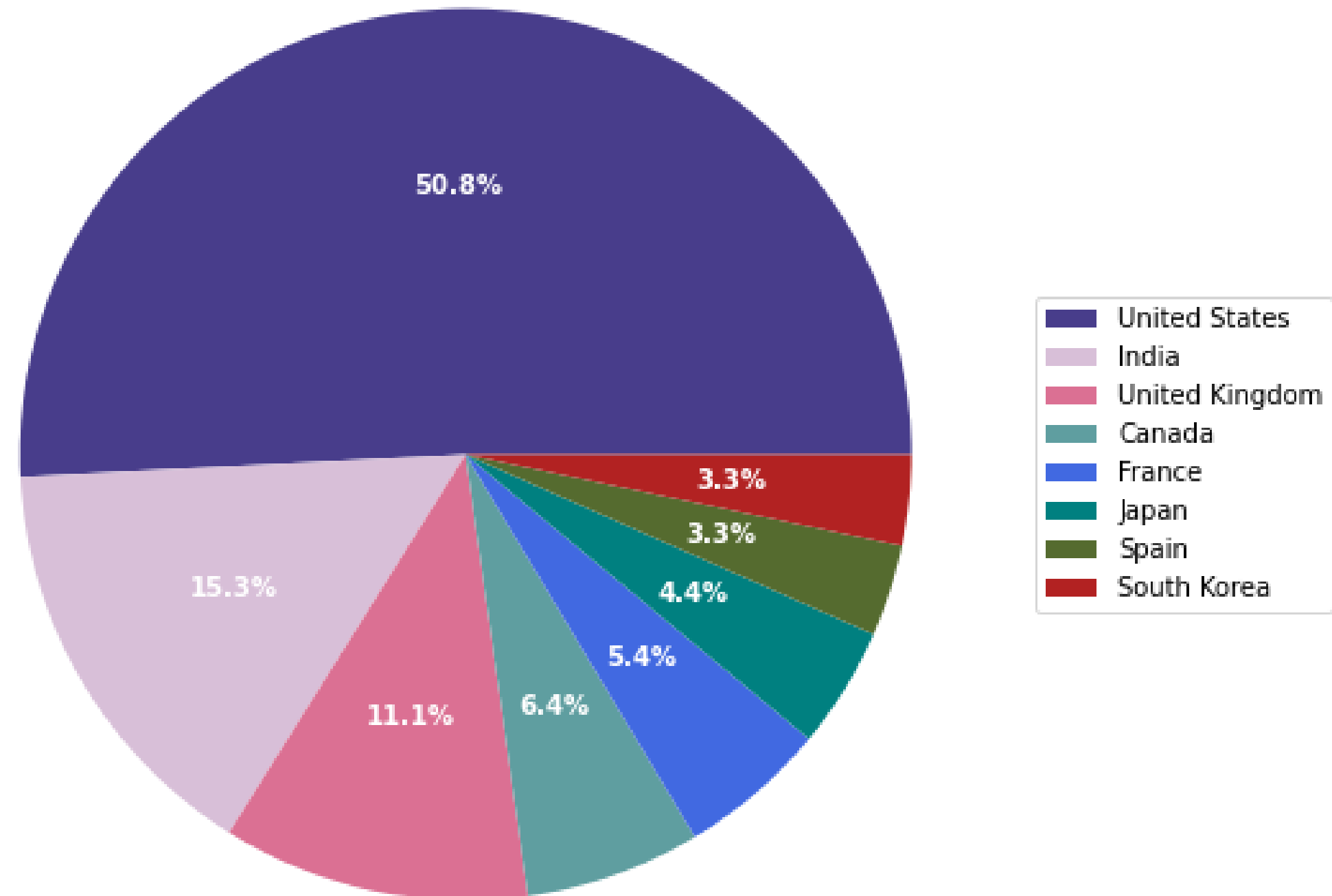

Content added across all years

- The growth of content addition starts from 2014
- The most Movie content added in 2019
- TV Shows in 2020

Analyzing data

Column: Country

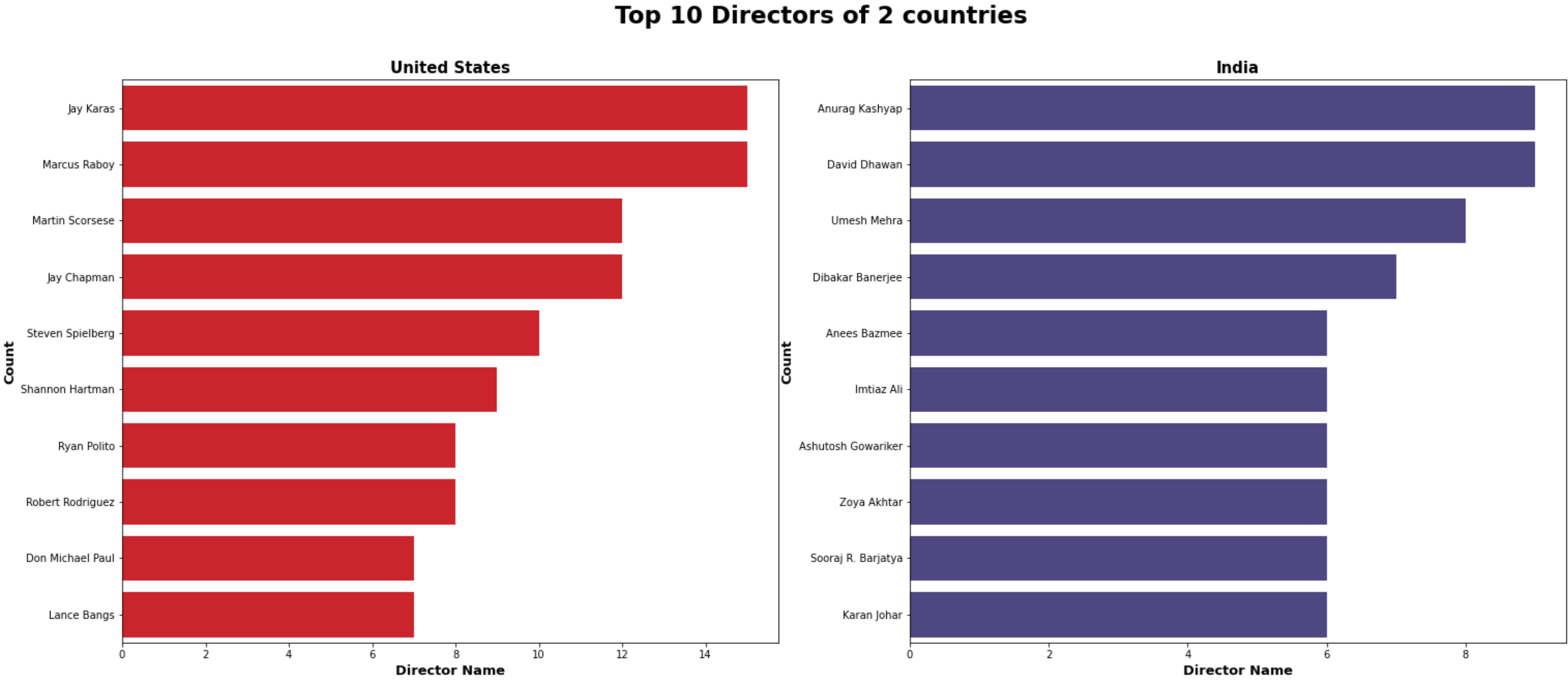- 3 biggest contributors of Netflix are USA(50,8%), India(15,3%) and United Kingdom(11,1%)

Countries with most content(200+)

Legend:
- United States
- India
- United Kingdom
- Canada
- France
- Japan
- Spain
- South Korea

50.8%
15.3%
11.1%
6.4%
5.4%
4.4%
3.3%
3.3%

Analyzing data

With colums Director and Country
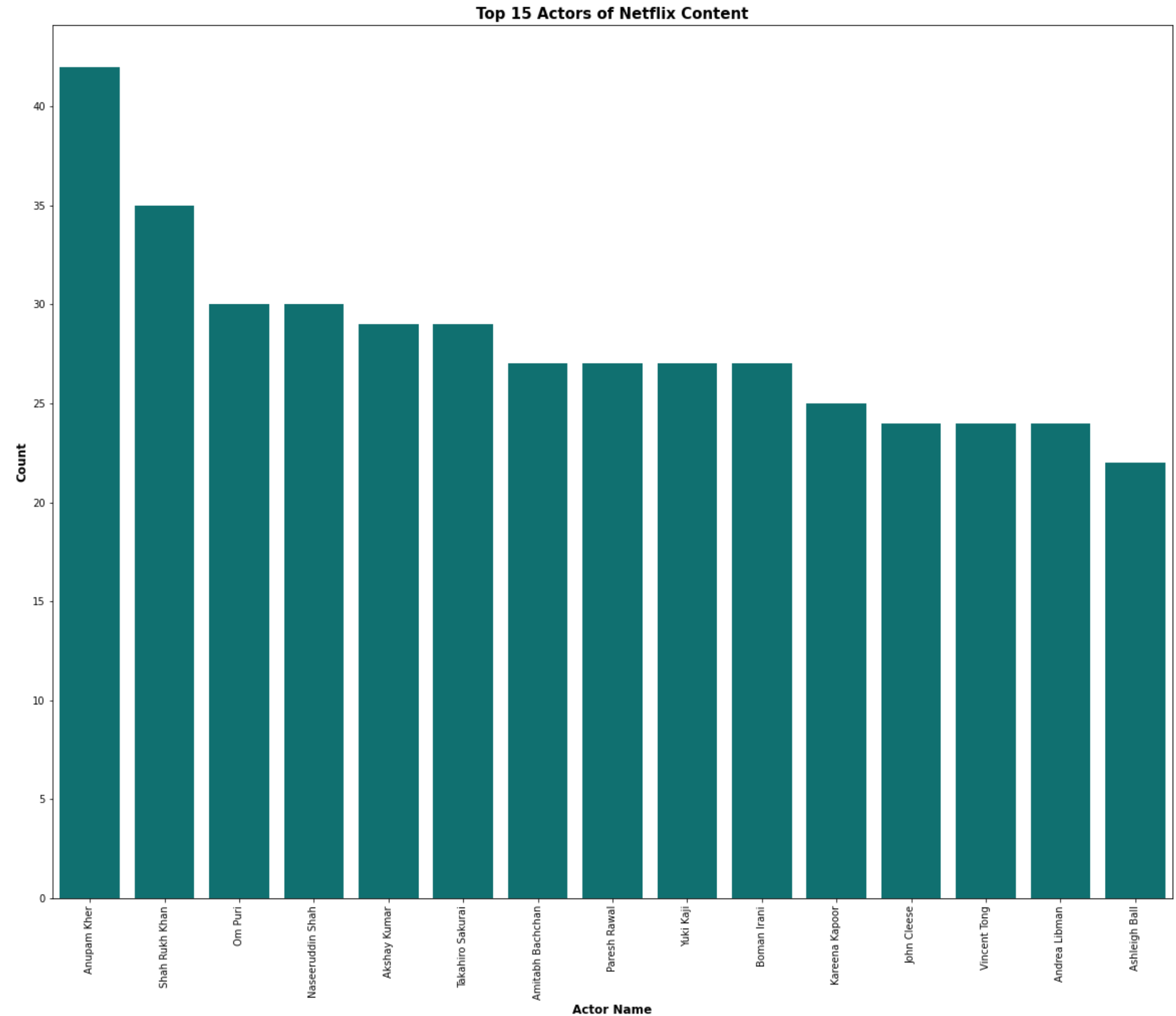
- The directors with most projects of USA are Jay Karas and Marcus Raboy
- For the India there are Anurag Kashyap and David Dwahan

Top 10 Directors of 2 countries

Analyzing data

Column: Description

The most common words in description are: Life, Family, Find, New, Love, World

Analyzing data

Column: Cast

- Top 4 actors with most content are Anupam Kher, Shah Rukh Khan, Om Puri, Naseeruddin Shah

Top 15 Actors of Netflix Content

Thank you for your attention