Netflix Shows analysis

Introduction: I have done Exploratory Data Analysis (EDA) on Netflix shows data sets available in [Kaggle: Your Home for Data Science](#). The link to the dataset is provided below
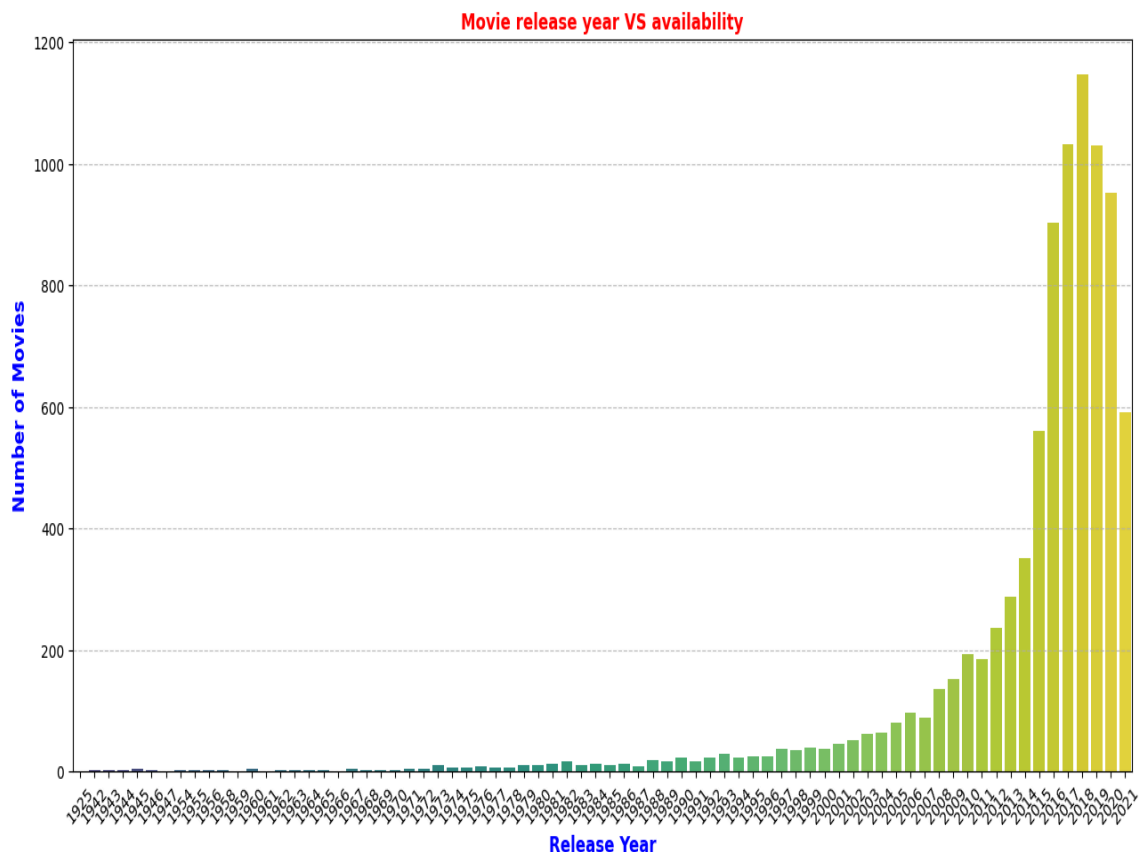
⊞ netflix_titles

Some Basic Interpretations:

- **total number of show recorded in the dataset:** 8807
- **most common type of the shows:** TV Show
- **shows with most common genre:** Dramas, International Movies
- **shows with least common genre:** Dramas, Horror Movies, Thrillers', 'Action & Adventure, Children & Family Movies, Cult Movies', 'Comedies, Cult Movies, Sci-Fi & Fantasy', 'Action & Adventure, Anime Features', 'Action & Adventure, Sci-Fi & Fantasy, Thrillers', 'TV Action & Adventure, TV Dramas, Teen TV Shows', 'Crime TV Shows, TV Action & Adventure, TV Sci-Fi & Fantasy', 'Anime Series, Stand-Up Comedy & Talk Shows', 'Comedies, Documentaries, International Movies', 'Crime TV Shows, TV Horror, TV Mysteries', "International TV Shows, Kids' TV, TV Mysteries", 'Action & Adventure, Comedies, Sports Movies', 'Reality TV, TV Action & Adventure, TV Mysteries', 'Crime TV Shows, International TV Shows, TV Thrillers', 'Anime Series, Crime TV Shows, TV Horror', 'Anime Features, Documentaries', 'Reality TV, TV Horror, TV Thrillers', 'TV Action & Adventure, TV Horror, TV Sci-Fi & Fantasy', 'International TV Shows, TV Horror, TV Sci-Fi & Fantasy'
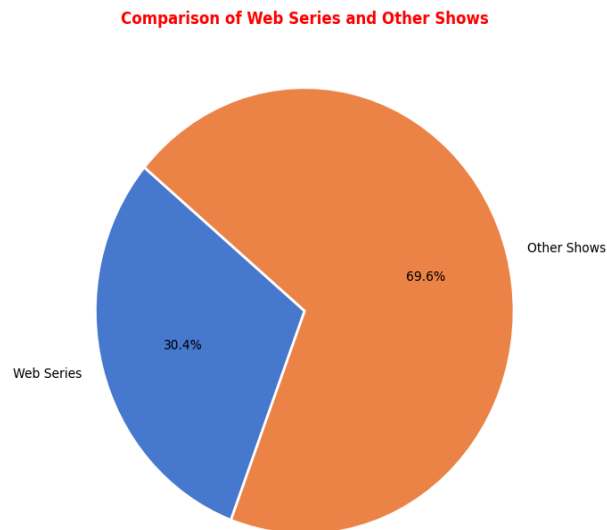
- most common genre of the shows is almost 4.11%

- least common genre of the shows is almost 0.01%
- **total number of webseries:** 2676
- **total number of 1-time show:** 6131
- **Top 10 movie producing countries from the dataset**
  United States: 2818
  India: 972
  Country name not provided: 831
  United Kingdom: 419
  Japan: 245
  South Korea: 199
  Canada: 181
  Spain: 145
  France: 124
  Mexico: 110

Movie release year VS availability in Netflix:
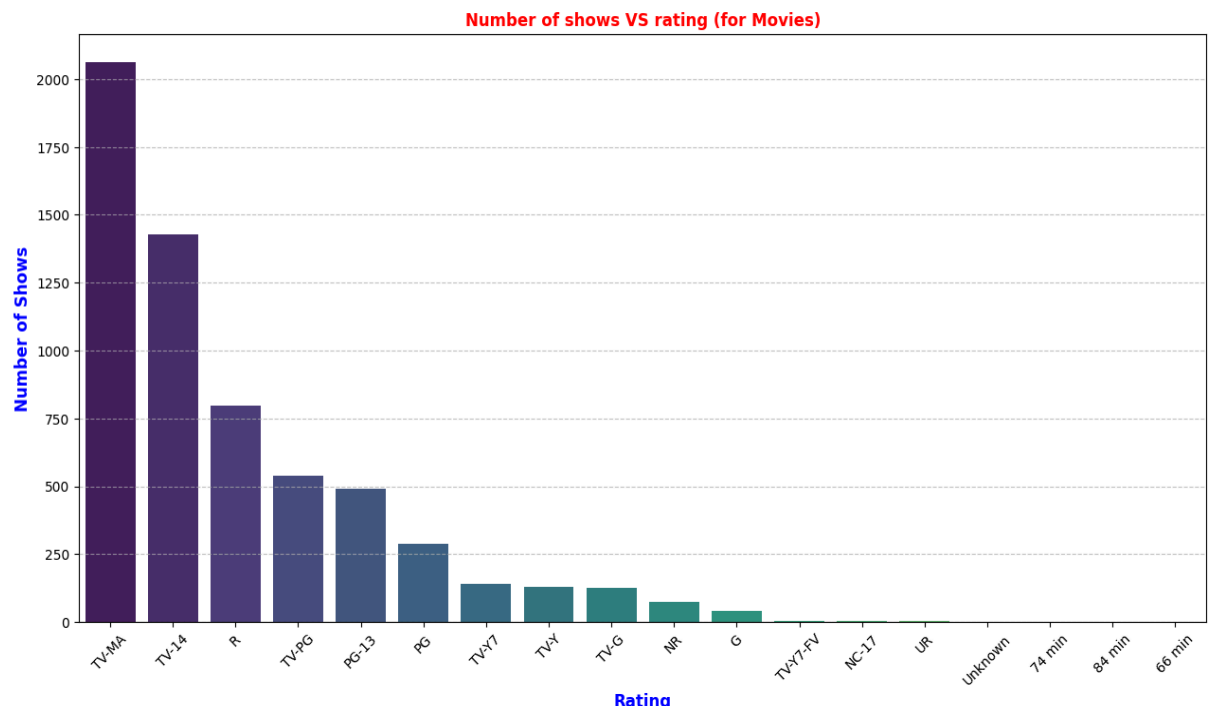

Movie release year VS availability

Old movies are less available on Netflix, especially movies that were released before 2009-2010 are very rare on Netflix. Movies released in 2018 are maximum in numbers on Netflix. Again there is a sudden decrease in availability of shows released after 2020.

Availability of Webseries and Other Shows on Netflix:

Comparison of Web Series and Other Shows
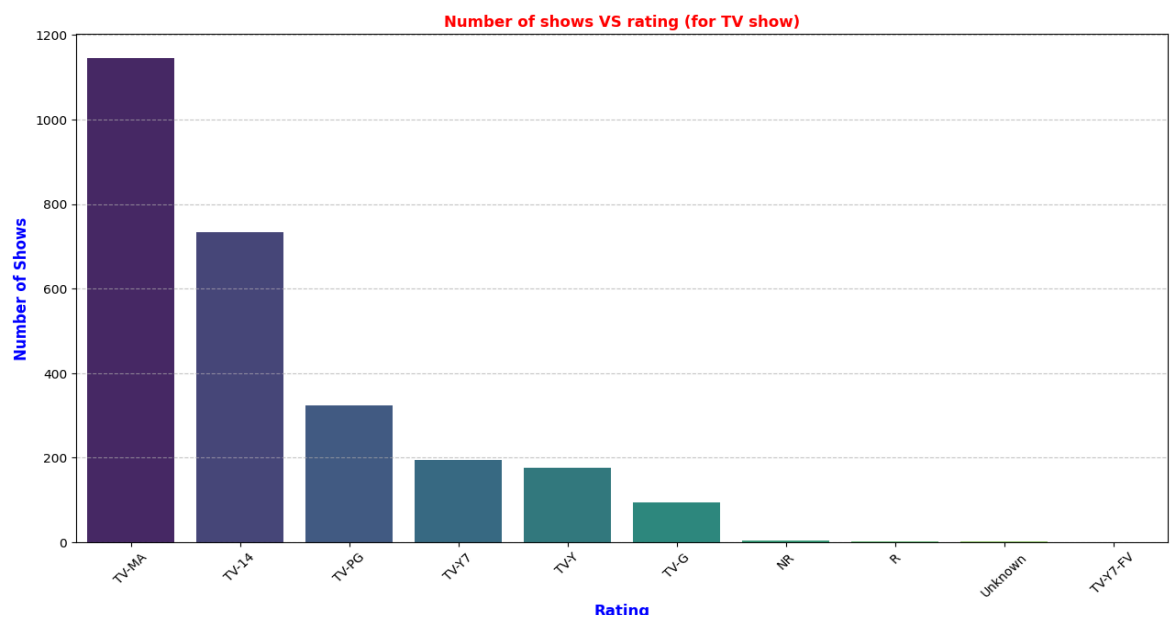
Other Shows

69.6%

30.4%

Web Series

So, mostly shows other than web series are available. Almost 69.6% are other shows (like movies and other one time shows). Web Series occupy almost 30.4% of the platform.
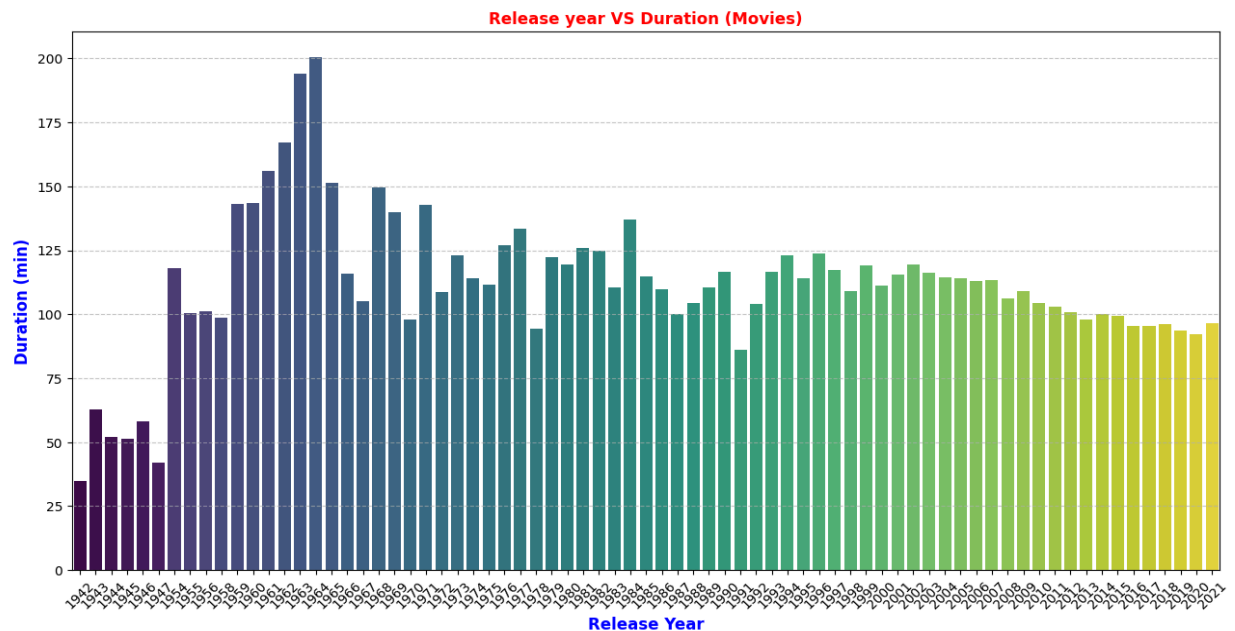
Rating of Movies available on Netflix:

Number of shows VS rating (for Movies)

More than 2000 movies are TV-MA rated. TV-Y, TV-G, NR, G movies are very few.

Rating of TV shows available on Netflix:

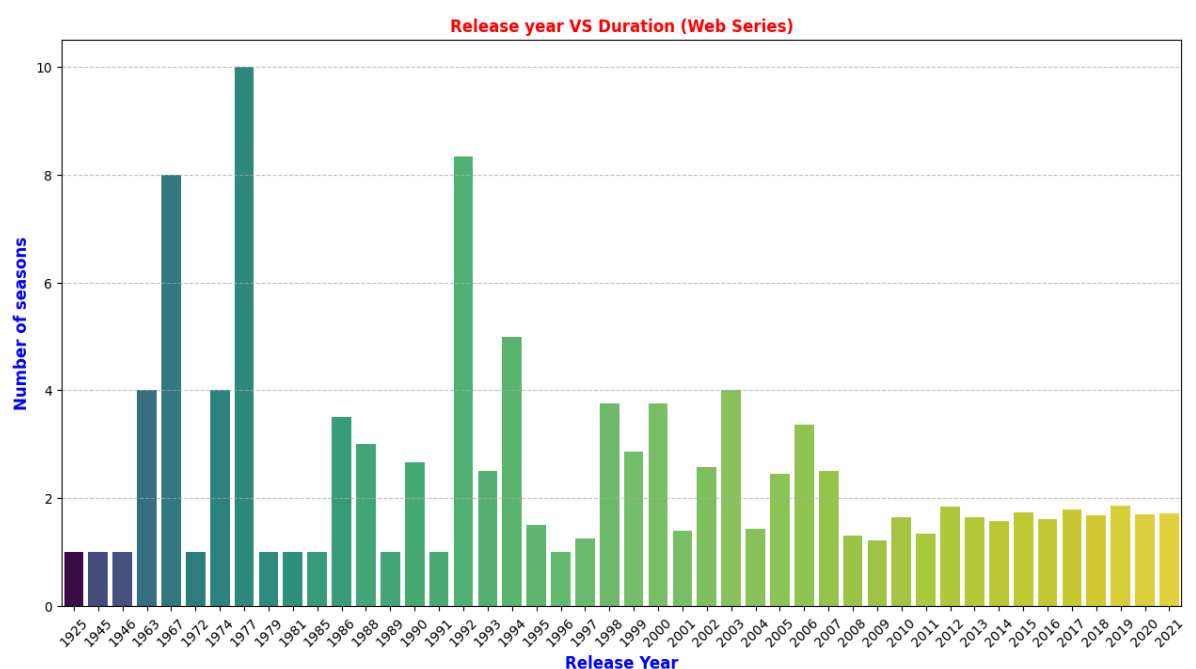**Number of shows VS rating (for TV show)**

There are 2 types of shows: TV shows and Movies. Just like movies, most of the tv shows (almost 1200) are TV-MA rated.

Release year VS average duration (movies):

Release year VS Duration (Movies)

Movies before 1950 are the shortest in duration (only 1 hour or less).
Movies between 1960-1963 are lengthiest (more than 3 hours). Movies
of the early 90's are nearly 2 hours long. Movies after 2010 are short
movies almost one and a half hour long.

Release year VS average duration (web series):

Release year VS Duration (Web Series)

Web series released 1960 are the shortest with only 1 season. There is a sudden increase in the number of seasons in web serieses released in 1967,1977 and 1992 with more than 8-10 seasons on average. Web series released after 2010 are nearly the same in length with almost 2 seasons on average.