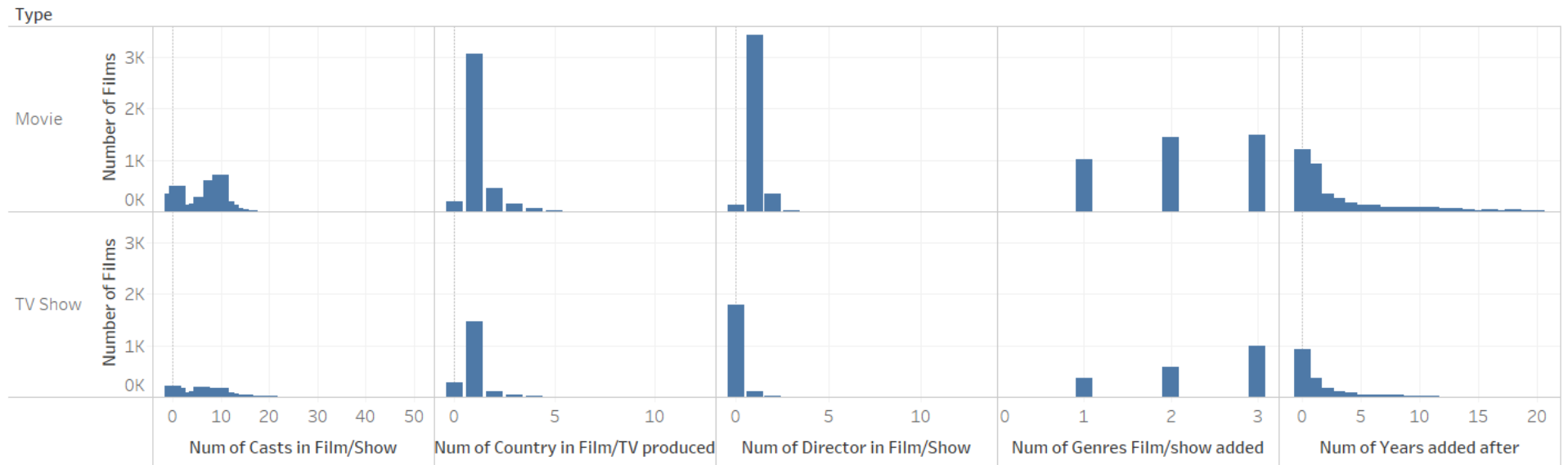


Netflix Data Analysis

Part-1: Netflix's Top (TV show vs Movie)

Netflix's Top

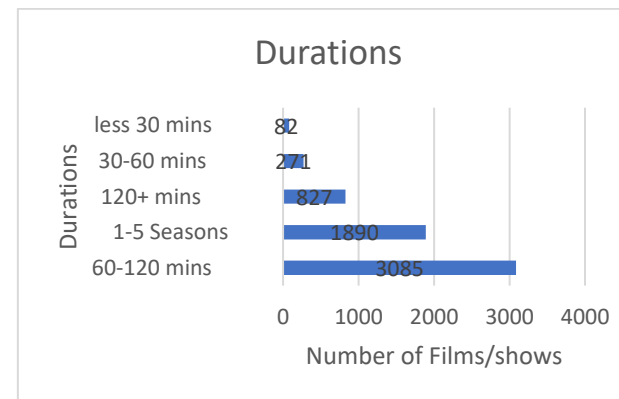
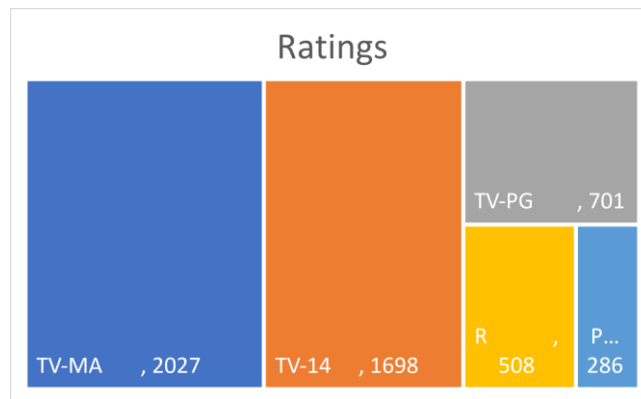


Insights :

- 1) Majority of movies on Netflix have 10 casts, where as TV show have 1 casts.
- 2) Most of movies & TV show are produced in only 1 country, specifically in US or India.
- 3) More than 70% of films have 1 director, where approximately 90% TV show has no director.
- 4) Movies are listed in 2 genres often, where TV shows in 3 genres.
- 5) Both TV show and Movie are added to Netflix within 1 year of release, but we see trend that movies are also added within range of 20 years and TV shows 10 years after released.

Part-2: Netflix's Top (Top 5 Cast, Duration, Country produced, Genres, Directors, Ratings)

Country	Count	Director	Count	Genre	Count	Cast	Count
United States	2609	Jan Suter	21	International Movies	1927	Anupam Kher	33
India	838	Raúl Campos	19	Dramas	1623	Shah Rukh Khan	30
United Kingdom	601	Marcus Raboy	14	Comedies	1113	Naseeruddin Shah	27
Canada	318	Jay Karas	14	International TV Shows	1001	Om Puri	27
France	271	Jay Chapman	12	Documentaries	668	Akshay Kumar	26



Insights :

- 1) United States is leading country where most of Films/TV show are produced, which has more than 3 times count compared to India.
- 2) **Interesting facts**, Only 25 films or show were produced both in India and United States.
- 3) More than 2/3rd of Films & shows fall under category of TV-MA and TV-14.

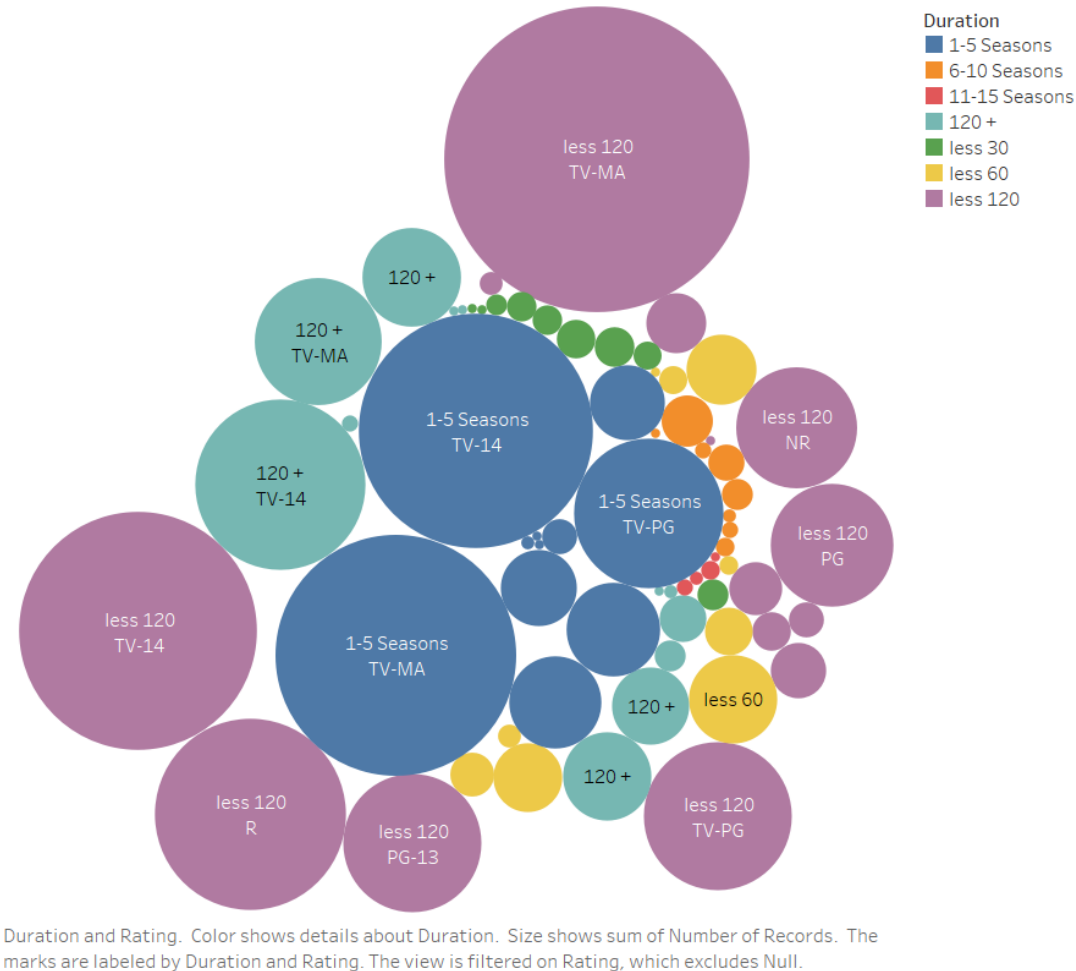
Recommendation : 2 out of 3 films or shows requires parental guidance for under 14 ages or it is only for mature audience.

Parents should take care watch history of their children's.

- 4) More than 90% Films & shows are more than 60 mins on Netflix.
- 5) Top 5 cast which have highest number of shows and movies on Netflix are from Indian origin.
- 6) Most of listing on Netflix comes under International Netflix, followed by Dramas and Comedies.

Part-3 (a) : Advanced Analysis (Duration and Ratings)

Duration vs Ratings



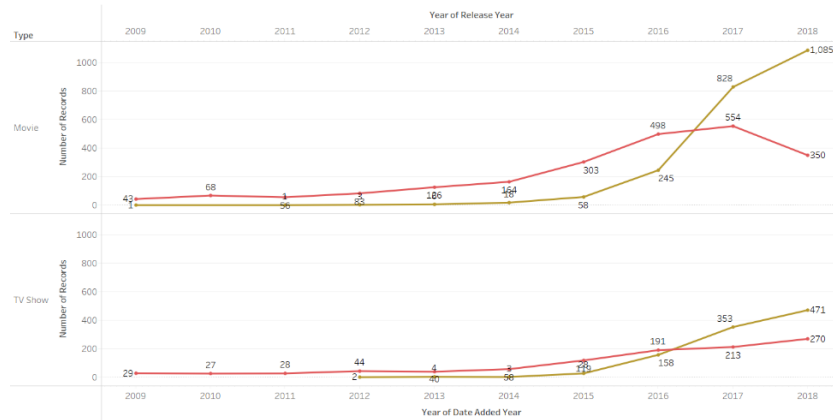
Insights :

- 1) As we discussed earlier, about rating TV-MA and TV-14, majority of this ratings films and shows have duration more than 60 mins or they have seasons.

Recommendation : If children are on Netflix for more than hours without changing films or shows, they are highly likely to watch restricted contents.

Part-3 (b) : Advanced Analysis (Trend Analysis)

Trend Analysis



The trends of sum of Number of Records for Date Added Year Year and Release Year Year broken down by Type. The data is filtered on Date Added Year Year and Release Year Year. The Date Added Year Year filter excludes 0002, 2019 and 2020. The Release Year Year filter keeps 10 members.

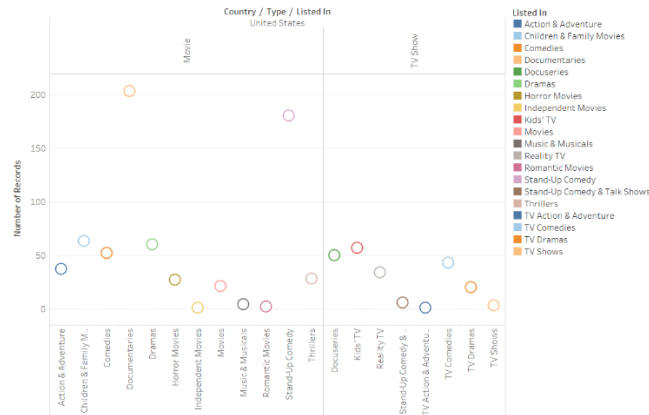
World wide add



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Map based on Longitude (generated) and Latitude (generated). Color shows sum of Number of Records. Details are shown for Country. The data is filtered on Date Added Year Year, which excludes 0002. The view is filtered on Country, which excludes Null.

USA



Sum of Number of Records for each Listed in broken down by Country and Type. Color shows details about Listed In. The data is filtered on Num List, which keeps 1. The view is filtered on Country, which keeps United States.

Insights:

- 1) Yellow represents trend line for films or show added on Netflix and red line for release year of films and shows. Somewhere, in between 2016 and 2017, Netflix started to add more number of films and shows as compared to number of films and shows released.
- 2) **Interesting facts**, after 2014, Netflix started to add more number of films as compared to show. Number of films addition increased due to Netflix started to add film which were produced in India.
- 3) Overall all the years, USA region produced films and shows are added most on the Netflix.
- 4) In USA, major Documentary films are made in movies and Kid's TV in TV show, which are added on Netflix

Part-3 (c) : Advanced Analysis (Films produced only in India vs only in USA)

India (Top 5)

Cast	Count	Director	Count	Genre	Count	rating	duration	num_year_add			
Anupam Kher	31	David Dhawan	8	International Movies	719	TV-14	438	120 +	471	1	162
Shah Rukh Khan	29	Umesh Mehra	8	Dramas	539	TV-MA	198	less 120	305	0	142
Om Puri	26	Dibakar Banerjee	7	Comedies	246	TV-PG	143	1-5 Seasons	55	2	75
Naseeruddin Shah	26	S.S. Rajamouli	7	Independent Movies	128	NR	23	less 60	6	3	58
Akshay Kumar	25	Anurag Kashyap	6	Action & Adventure	126	TV-G	7	less 30	1	4	49

United States (Top 5)

Cast	Count	Director	Count	Genre	Count	rating	duration	num_year_add			
Fred Tatasciore	18	Jay Karas	14	Dramas	533	TV-MA	736	less 120	1547	0	1053
Tara Strong	17	Marcus Raboy	12	Comedies	447	TV-14	417	1-5 Seasons	626	1	444
Erin Fitzgerald	15	Jay Chapman	12	Documentaries	400	R	398	120 +	177	2	151
Ashleigh Ball	15	Steven Spielberg	9	Independent Movies	287	TV-PG	252	less 60	153	3	118
Kate Higgins	15	Martin Scorsese	9	Children & Family Movies	258	PG-13	249	6-10 Seasons	52	4	77

Insights :

- 1) Leading Cast for film produced in India has 31 films or shows, whereas USA leading cast has 18.
- 2) David Dhawan is leading director for films produced in India with count 8, whereas Jay Kanas with count 14 for USA
- 3) Most of films or shows produced in India fall in International Movies genre and for USA in Dramas genre.
- 4) **Interesting facts**, Majority of film produced in India have TV-14 rating and USA have TV-MA rating
- 5) Highest number of film in India have more than 120+ min duration, whereas for USA is 60-120 mins
- 6) **Interesting facts**, Most of films or shows produced in India are added after 1 year of release on Netflix, where USA film produced are added within 1 year of release.