To Stream or Not to Stream?

Morgan Tudor Leah LoSchiavo



According to Statista, 83% of American consumers in the United States utilize a subscription streaming service.

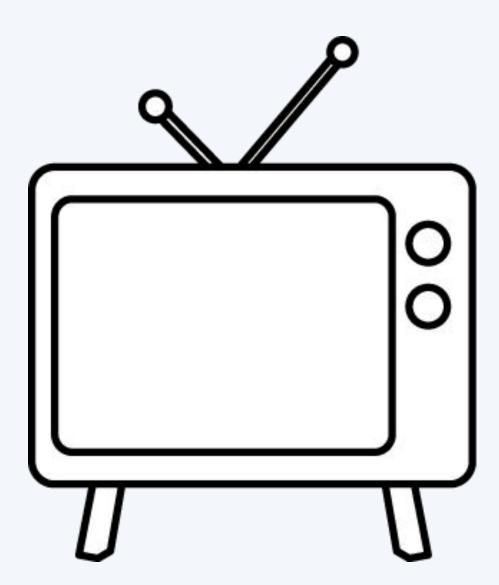
Are the plethora of streaming options really different?

our questions

What are the "top streaming services"?

What do each of these services offer their customers?

If you could choose only one, which would we recommend?



"top streaming services".

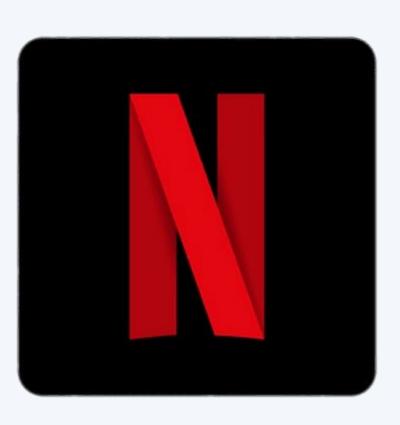
According to our research, the most accessible and utilized streaming services in the United States time and time again included these companies, which we deemed the top 4 services which we would analyze further.



Amazon
Prime Video



Hulu



Netflix



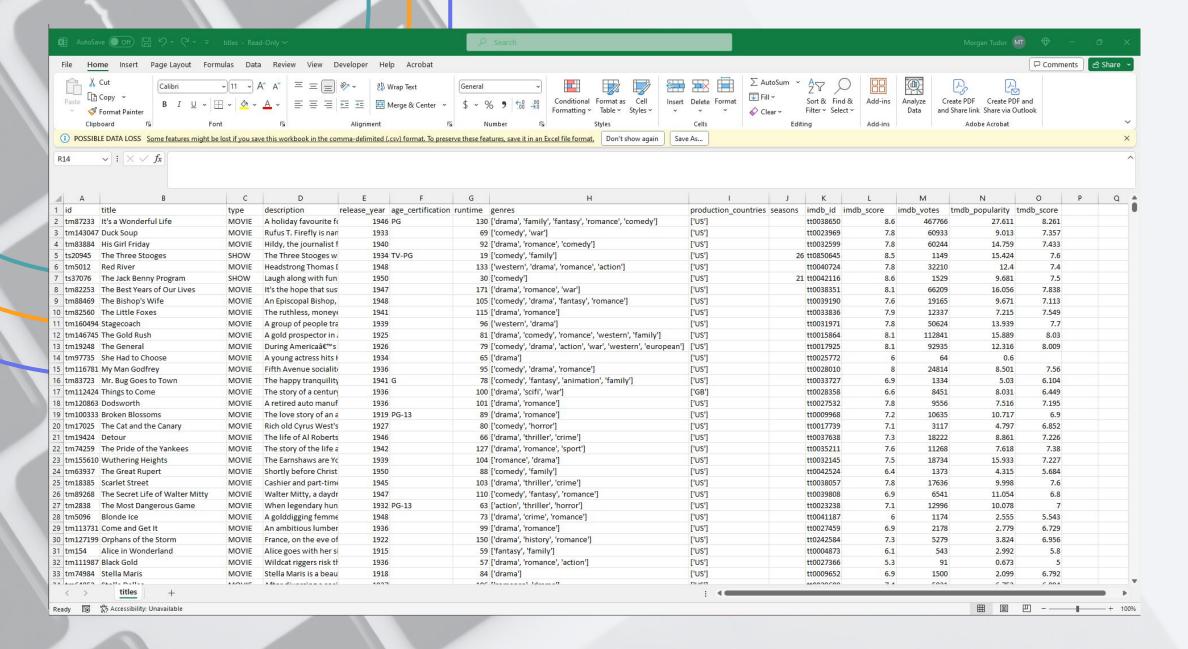
Disney+

What do these services offer?

A deeper analysis into what you get for your money

prime video

amazon prime video



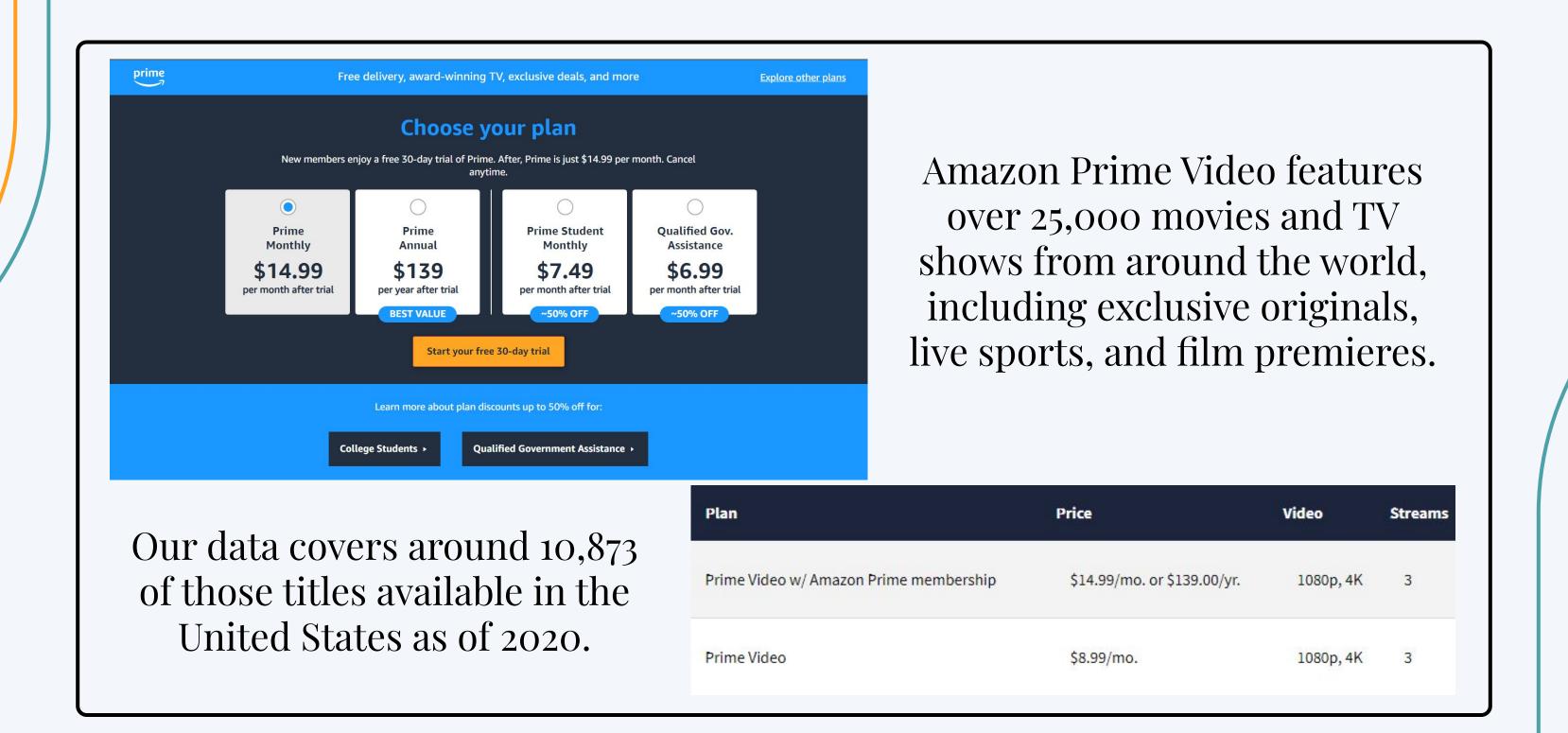
My data was found on Kaggle

The data included all categories I was hoping to analyze, but needed some cleaning up in the genre category.

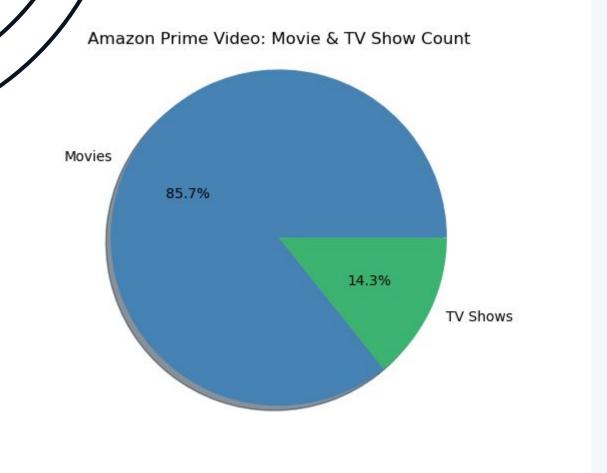
In Jupyter Notebook, I was able to delete columns that were not beneficial and the create a reduced data frame from which I could start creating charts.

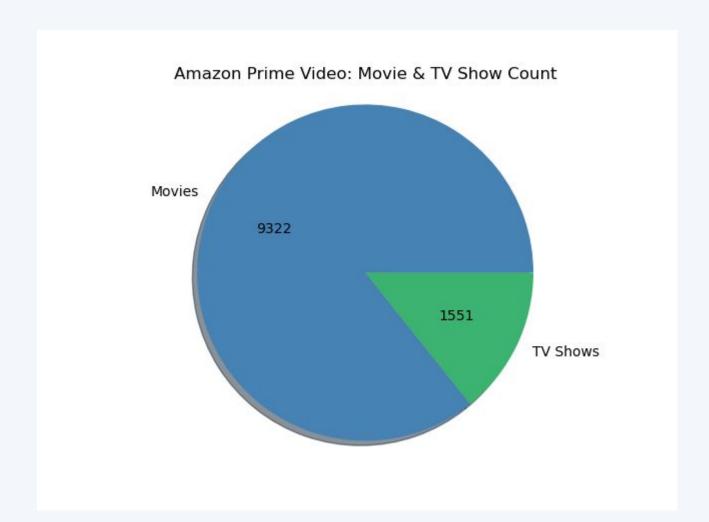


Subscription Plans/Prices



price breakdown





price per month

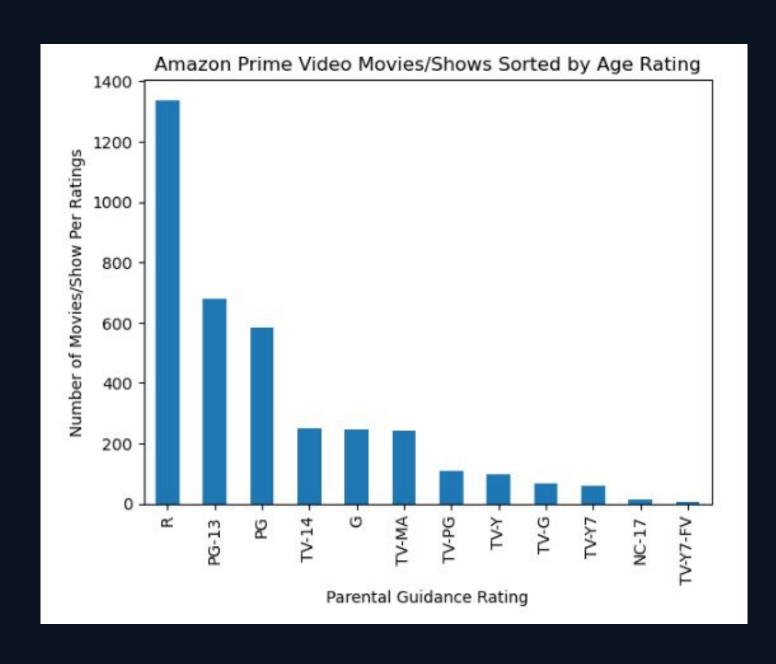
\$8.99 / month

price per content piece

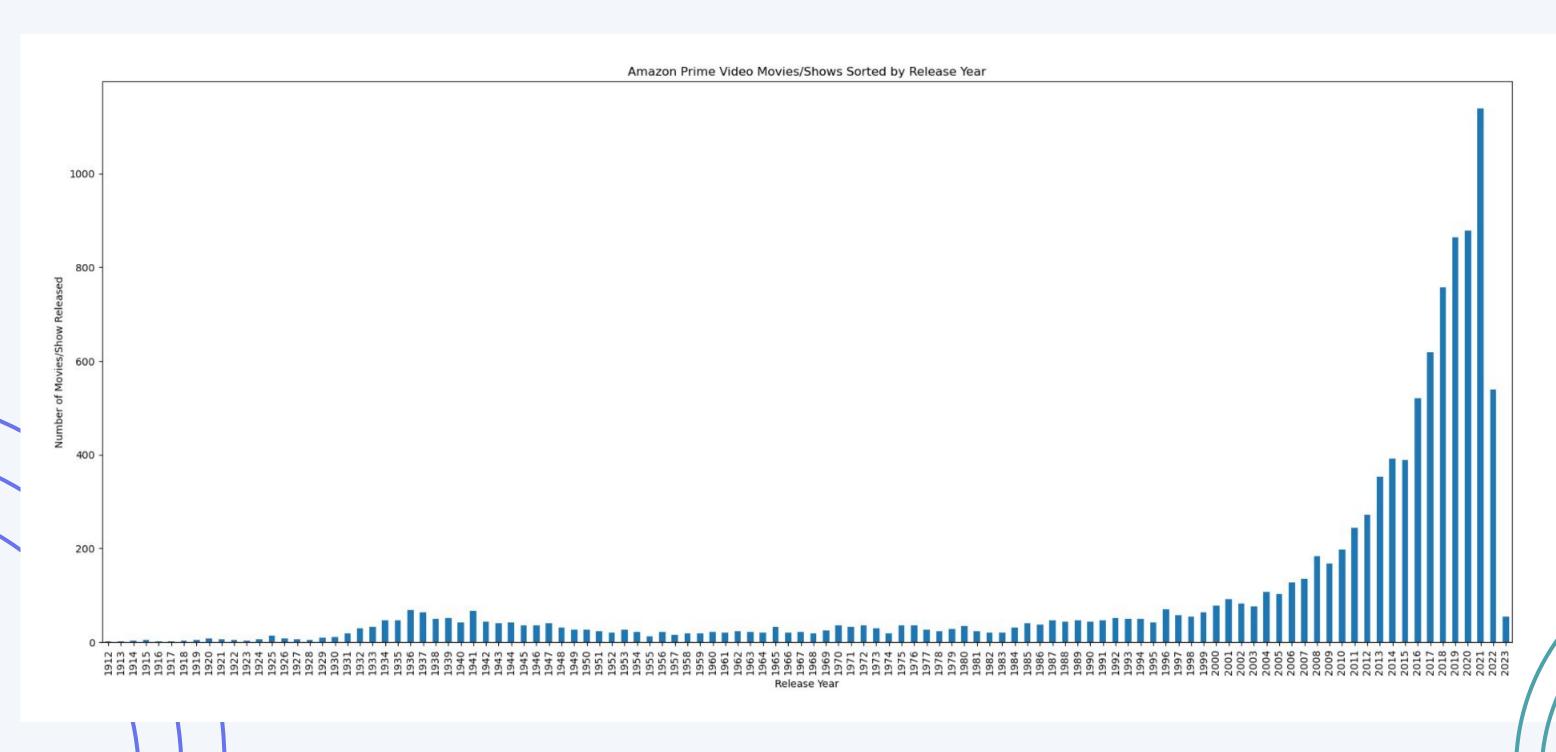
\$0.00082 / tv show or movie

Who is content on Prime Video for?

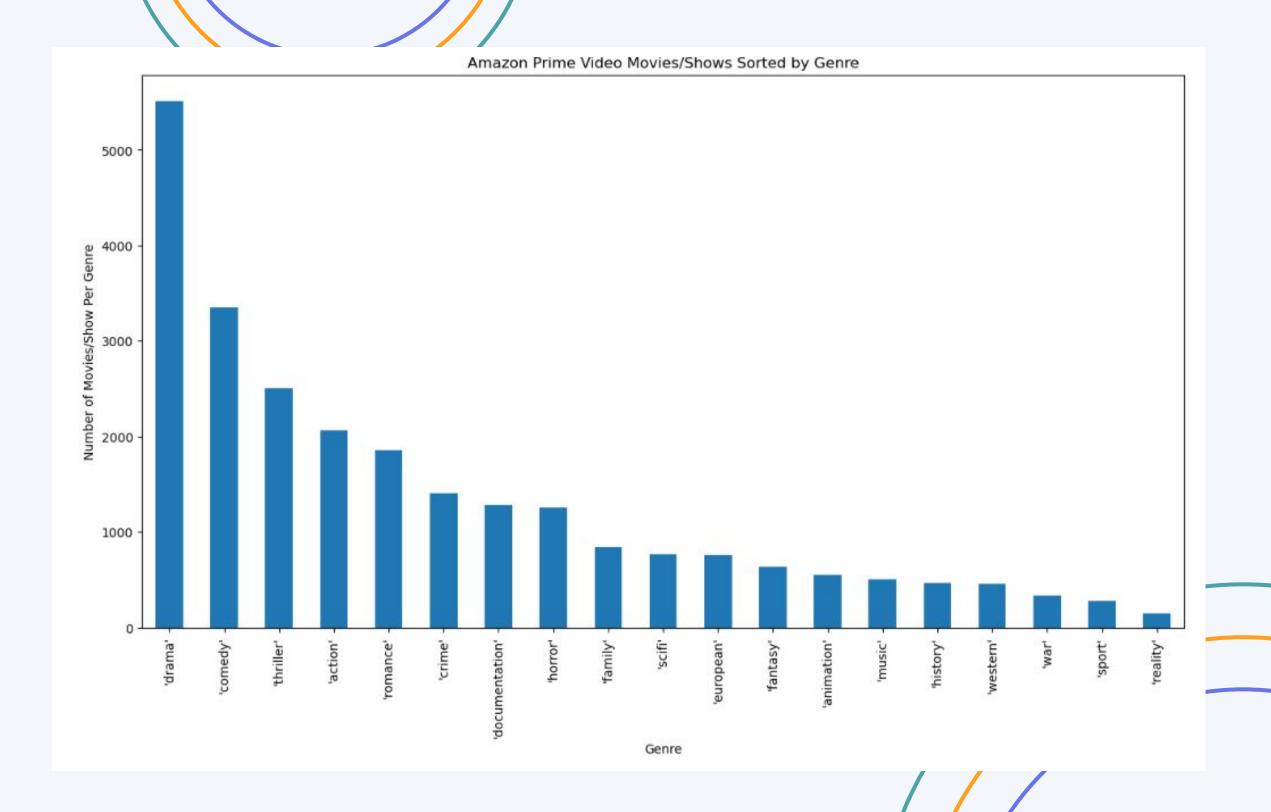
MOVIE RATINGS	TV RATINGS
G	TV-Y
PG	TV-Y7
PG-13	G
R	TV-PG
NC-17	TV-14
Adult	TV-MA



How "fresh" is the content?



looking for something specific?



But is the content "good"? IMDB Ratings Analysis

Average **IMDB** Score Score Average: 5.97 Average IMDB Score of Prime Video Content IMDB Score Scale



The average rating on IMDB is 6.4

Above 7.5 is generally considered "good"

Top 10 Scores type imdb_score Pawankhind MOVIE 9.9 COD (Cash On Delivery) MOVIE 9.8 Romeo & Juliet MOVIE 9.8 Last Resort MOVIE 9.7 The 1975 'At Their Very Best' Live from Madiso ... MOVIE 9.7 Water Helps the Blood Run SHOW 9.7 9.6 Chhote Ustaad-Precaution Is Better Than Cure MOVIE Suffer for Good MOVIE 9.6 SHOW 9.5 Denis SHOW 9.4

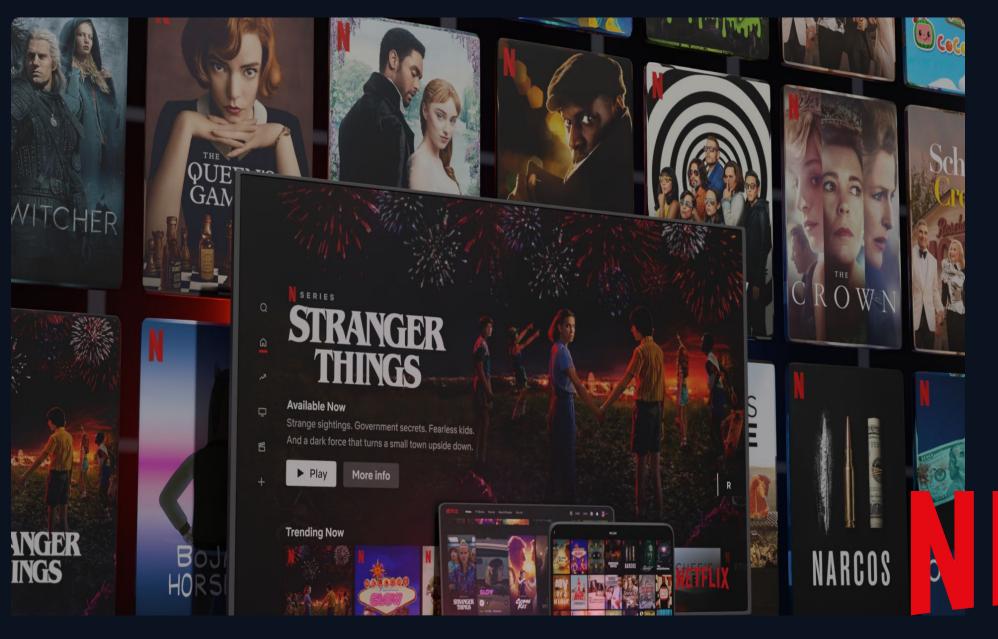
But is the content "good"? IMDB Votes Analysis

Average **IMDB Votes** Vote Average: 8,973 Average IMDB Votes of Prime Video Content 8000 2000



To be considered in the top 250, media generally must receive 25,000 votes.

Top 10 Votes type imdb_votes Pulp Fiction MOVIE 2081757.0 The Wolf of Wall Street MOVIE 1437804.0 Eternal Sunshine of the Spotless Mind MOVIE 1020305.0 987571.0 Good Will Hunting MOVIE Raiders of the Lost Ark MOVIE 976566.0 12 Angry Men MOVIE 801057.0 Indiana Jones and the Last Crusade MOVIE 763526.0 690470.0 Shrek MOVIE The King's Speech MOVIE 686908.0 The Curious Case of Benjamin Button MOVIE 660943.0 02.





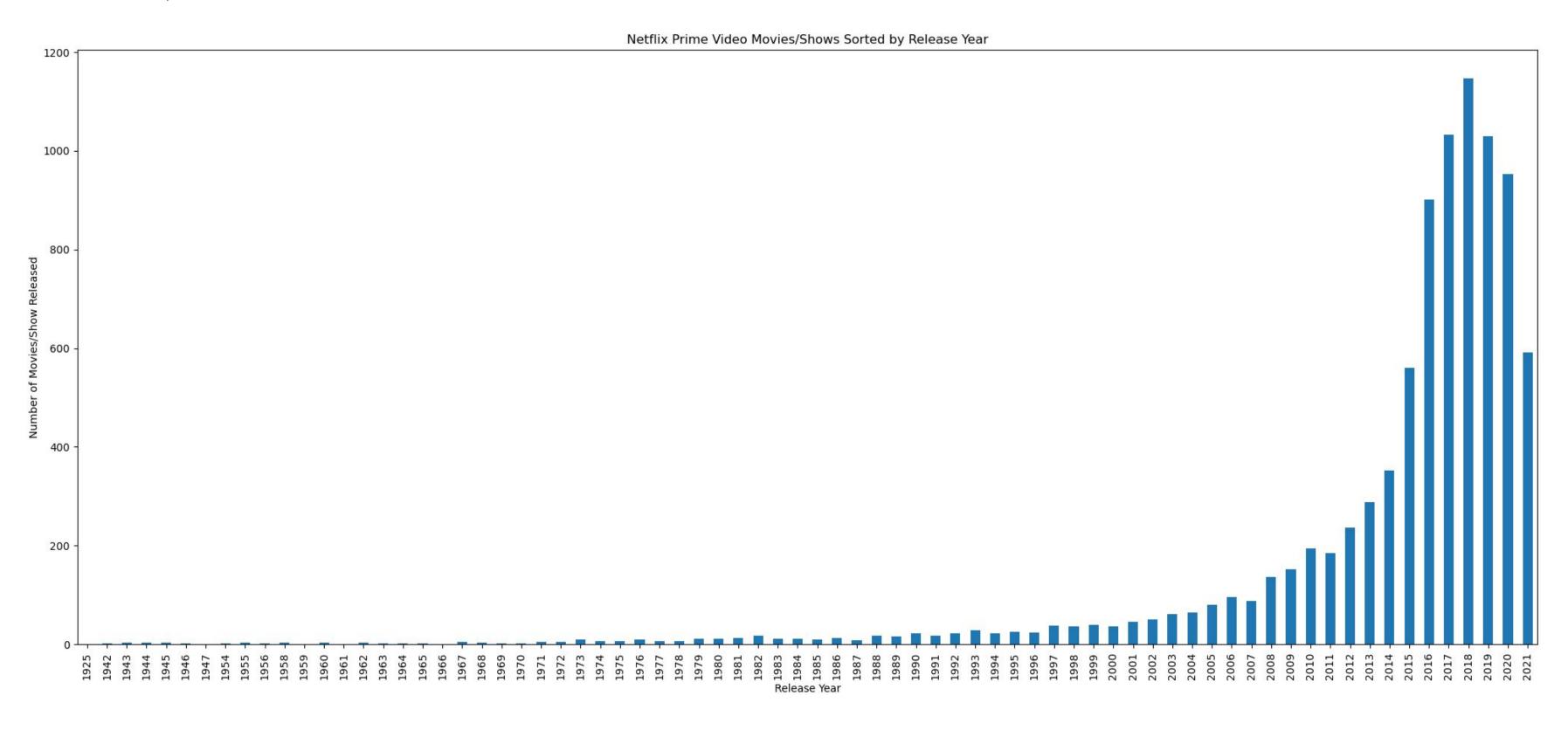
THEN AND NOW

A BIT OF HISTORY...

- Started in 1997 by Reed Hastings & Marc Randolph in Scotts Valley, CA
- Initially Netflix let people select a movie online to "rent" and return via U.S. mail
- Their main competition was video rental stores (e.g., Blockbuster, Family Video)

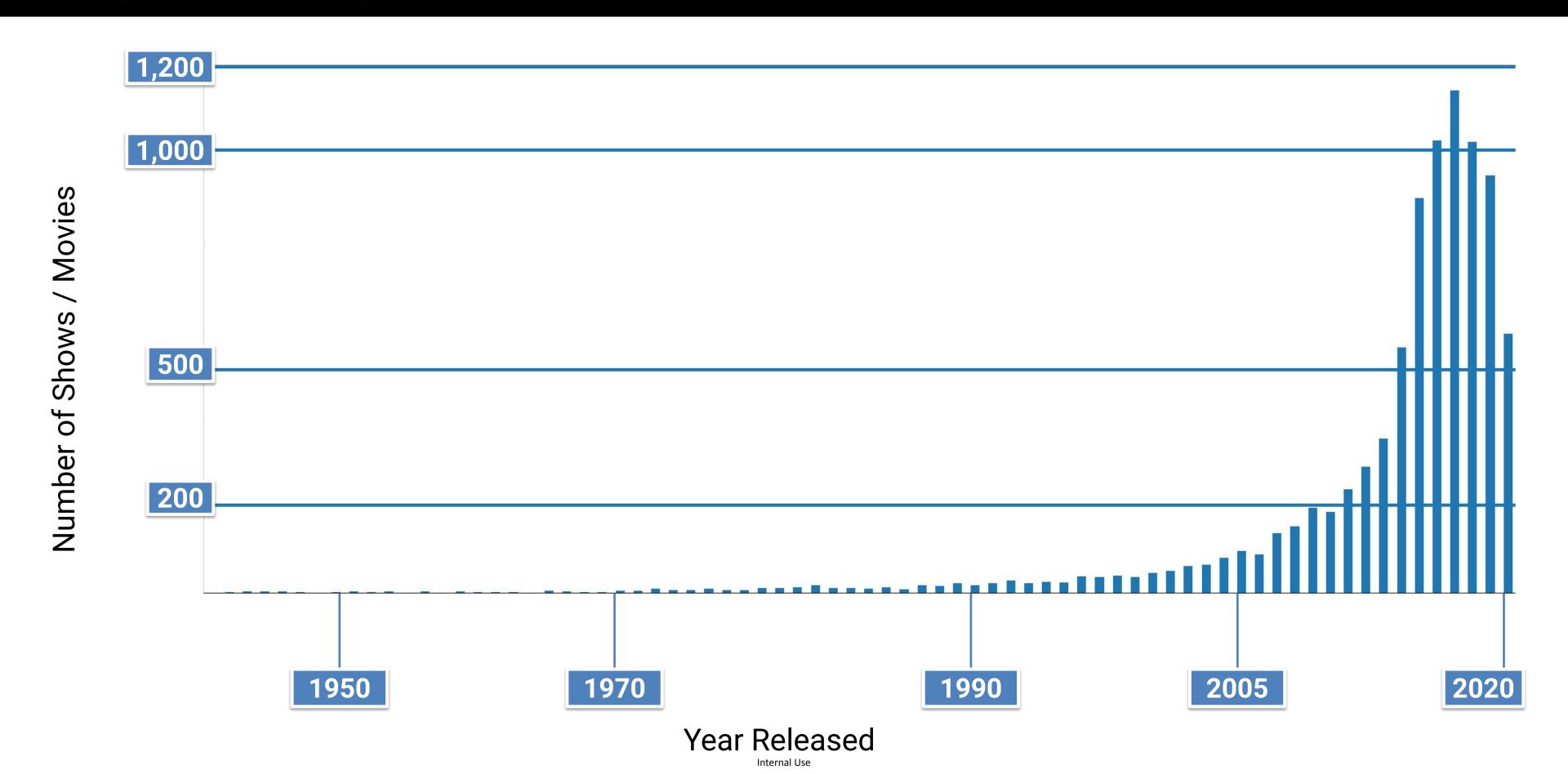


QUANTITY OF MOVIES BY RELEASE DATE

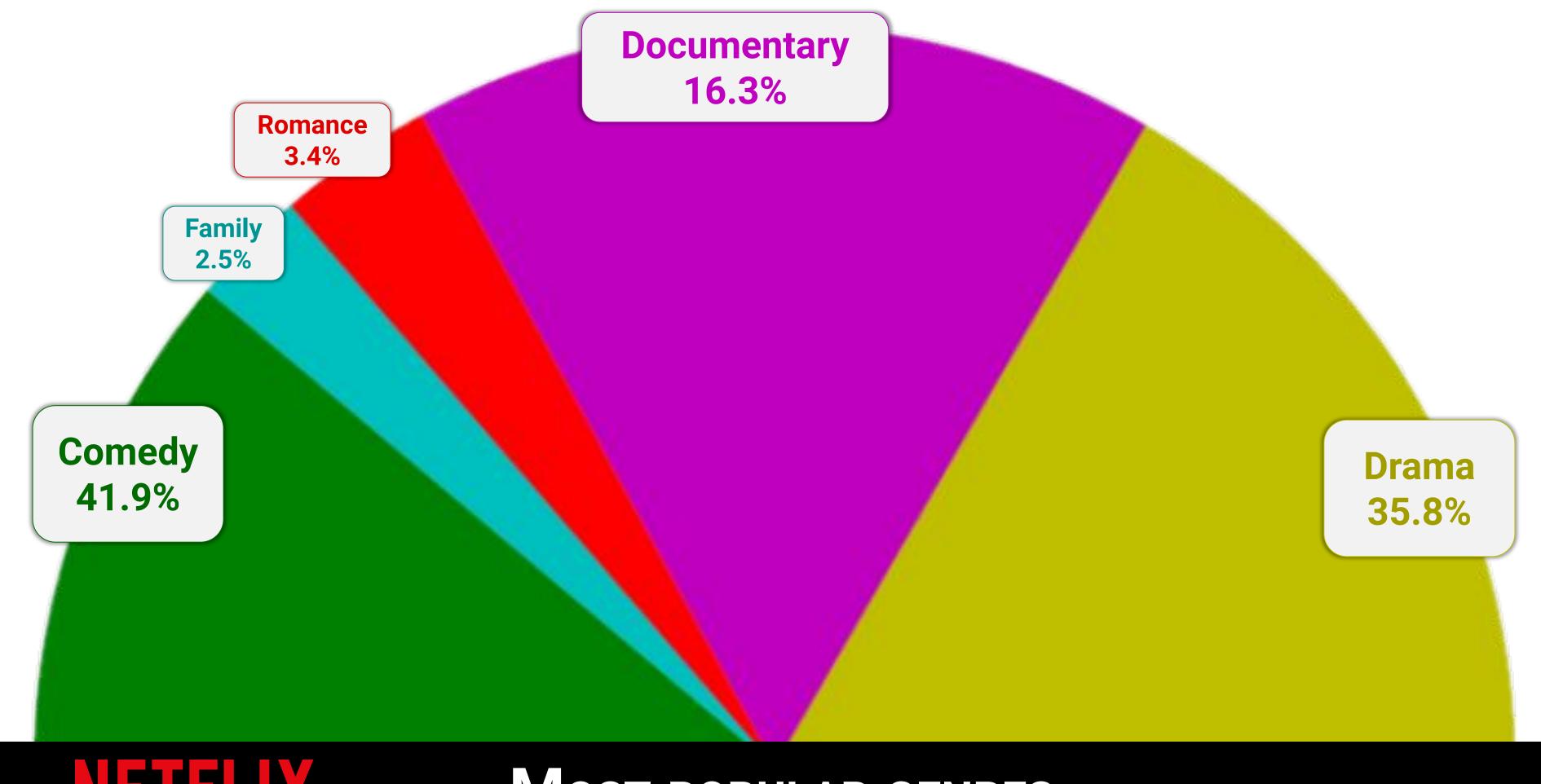


NETFLIX

QUANTITY OF MOVIES BY RELEASE DATE



Most popular genres Genre Distribution on Netflix Documentary Comedy Internal Use

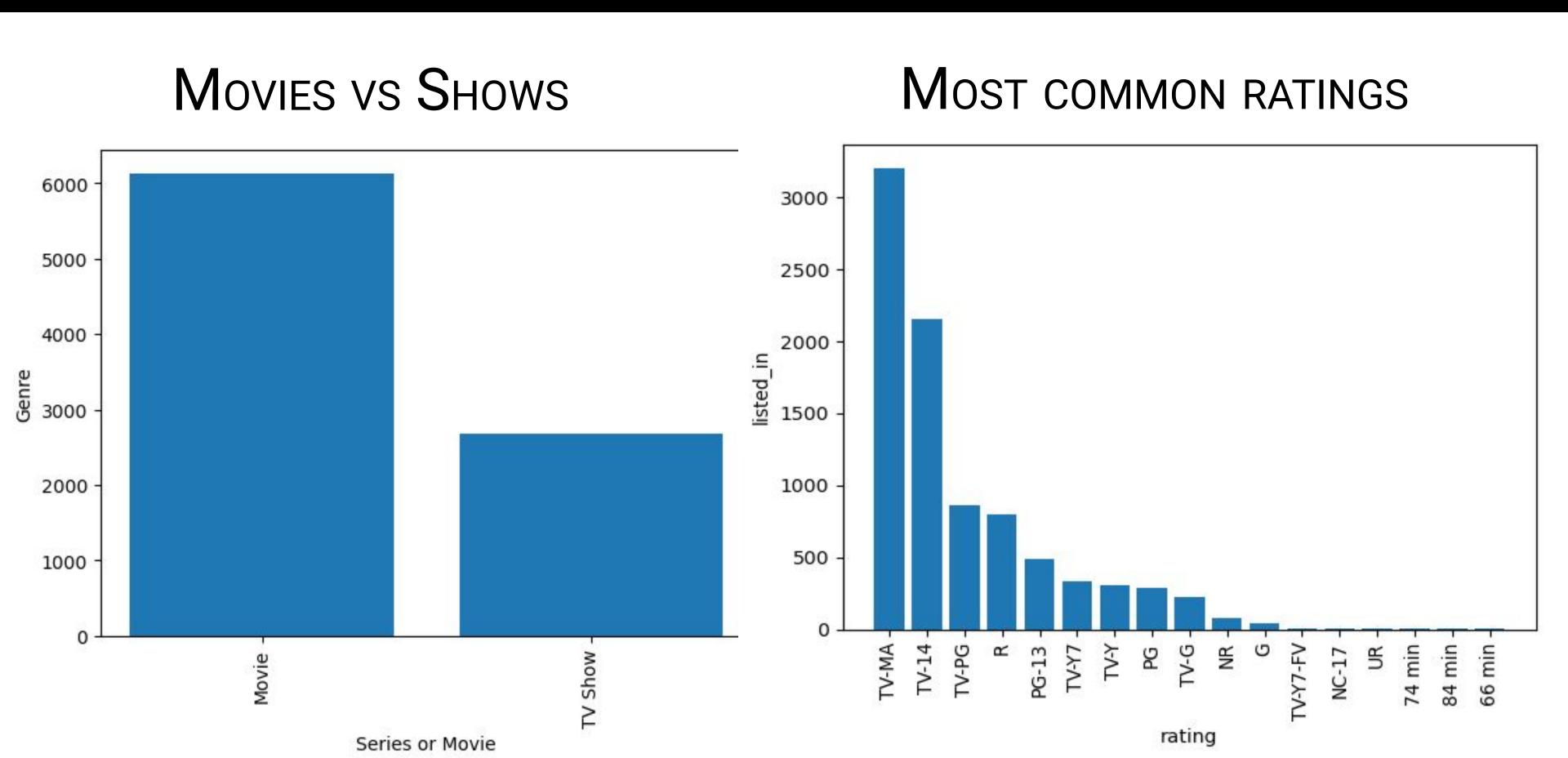


NETFLIX

Most popular genres

NETFLIX

MORE RESEARCH IS NEEDED...



Data sources selected

Kaggle □ Netflix CSV & Rotten Tomatoes CSV

DATA CLEAN-UP PROCESS

- Netflix data was a well-organized CSV that gave basic facts
- Rotten Tomatoes data was a large file
- Column clean-up (renaming) for merging data

APPROACH TAKEN ON THE PROJECT

- This was great practice using past lessons on a blank slate
- Past activities and assignments guided me in selecting the type of code I used
- My goal was to get the most out of the two data frames and attempt to answer questions about a very large topic

03. 

disney+

05.



so what do we recommend?

Based on Price

Amazon - \$8.99 / month

Netflix - \$6.99 / month

Average US salary: \$59,428 or

\$28.34 / hour

NETFLIX

According to Forbes

Offerings

In our analysis here, Amazon had more content pieces available for customers to watch at this time.



Reputation

When you think streaming, you don't think
Amazon first. While it's a great perk that you
also have so many shows available, customers
may be enticed by a company who is focused
on delivering streaming content.



What we did well

- We communicated well as challenges came up
- We communicated about where our data was similar in preparing for how we may be able to use our individual analysis to compare all services
- We adjusted our question and objective once we saw the data we worked with
- We decided to scale back and cut some of the datasets we looked at especially after losing a group member



REFLECTIONS: WHAT WE'D DO NEXT TIME

- Have the data before choosing the objective some information was not a public as we thought it would be
- Create a better execution plan going into the working groups more clear timeline
- Collaborate more efficiently and make sure the project reflected a combination of the three parts - especially on merging data to complete our comparison and achieve true analysis of the various services
- With the allotted time, our topic could have been narrower in scope.
- Take a look at more niche categories to compare like original shows, diversity in shows, what "extras" are offered with each service, look into what specifically is offered in the United States and how that compares to the rest of the world