BY: DATA WIZARDS


# WHAT'S THE BEST STREAMING PROVIDER FOR YOU?

The goal of this project is to create an interactive website where the user can easily compare the different streaming providers with each other. Our ambition is that the website, through data visualizations, can help the user decide on which streaming provider to choose based on some of their own preferences for movies and series by parameters such as genre, actors or directors.

EPFL

# THE PATH TO THE FINAL RESULT

The beginning of our journey started with finding out what we wanted to visualize. We was not sure about the particular thing we wanted to visualize, but we knew and agreed that we wanted to create a website that we ourself could take in use and that could come in handy. We also needed to make sure that we had enough data to make meaningful visualizations. After some research of potential data sets, we came across a particular interesting data set on Kaggle. It was a data set containing information about different movie and TV shows for the different streaming providers; Netflix, Amazon Prime, Disney, and Hulu.

After we produced the data set, we needed to figure out how to visualize the data in a meaningful way. What kind of visualizations did we want to display. We will talk about this in detail in the next section.

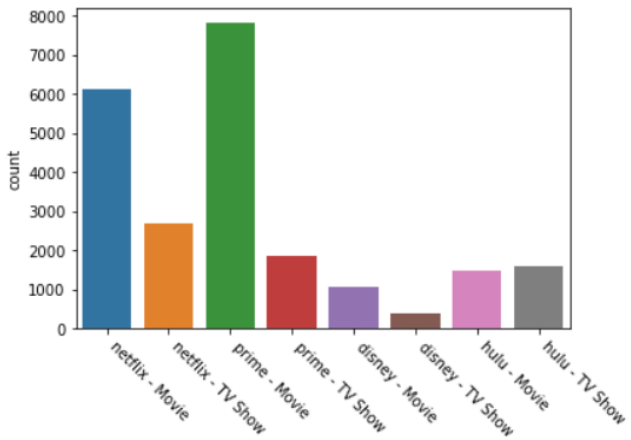
# THE CHALLENGES AND DESIGN DECISIONS

Path

# THE SKETCHES

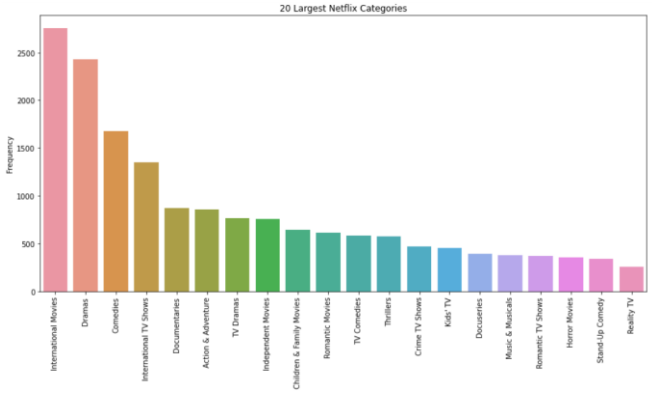
## Bar chart

The original idea was to have a normal bar chart where the bars were separated as shown in the figure below. However, after some thoughts and discussion, we decided that it would be better to have a stacked bar chart  in terms of what we wanted to show with the visualization. A stacked bar chart would mean that we could sort movies and TV shows by provider, and then on top of that by type. Overall a less complex and thereby easier chart to interpret, in our opinion.



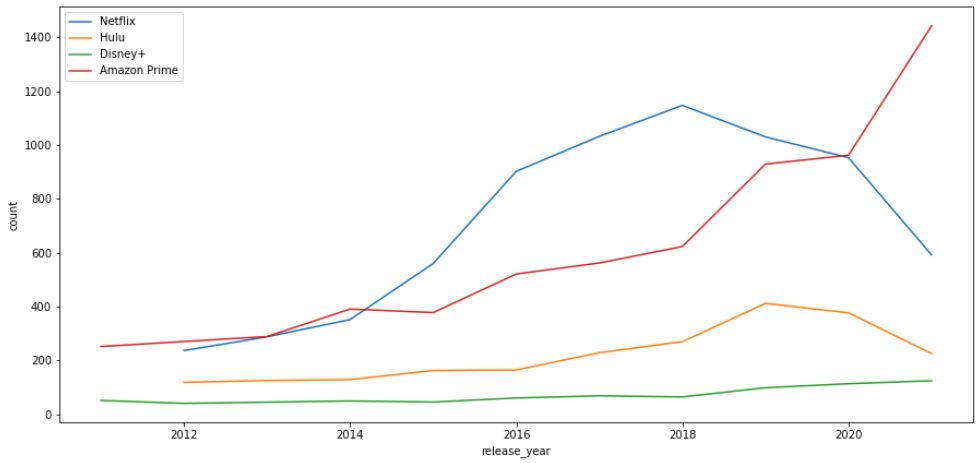

## Histogram

The original idea was to do a histogram that showed the distribution of categories across the different streaming providers, so that the user could see what kind of categories the different providers provided. However, we instead decided to add this feature into the Sanky-Diagram, as this would make more sense to us. Then the user could select multiple categories at once, and then look at the distribution for all the streaming providers.



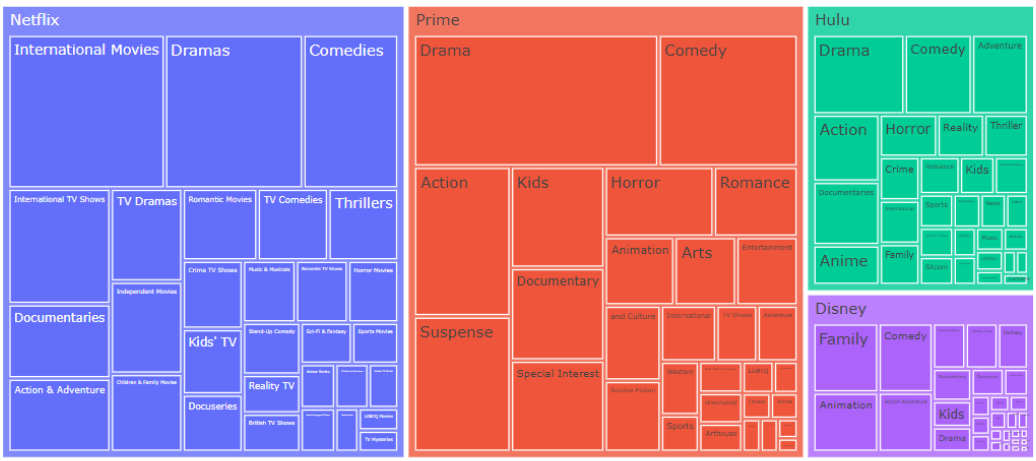
## Line chart

The line chart is probably the visualization that has changes the smallest amount from what we originally though of. However, we added some functionality to the visualization such as … so one could play with the visualization a little more.




## Tree map

We decided to not implement the tree map and instead adding features to the existing visualizations, as we though they provided as good or even better information than what a tree map would have done.



# PEER ASSESMENT

**Joël Lingg**
Joël made the Sankey Diagram and contributed to the other visualizations as well.

**Ferdinand Ytteborg**
Ferdinand was the main man behind the line chart.

**Fredrik Hægermark**
Fredrik did the website design as well as the stacked barchart.