**Visualizations Documentation**

**Initial Notes & Questions**

* Of the 8807 films added on Netflix in this dataset, 6131 were movies.
* Of the 6131 movies, 797 are rated R. They were released between 1962 and 2021. They were added to Netflix between 2012 and 2021.
* When were most R rated movies (in the dataset) added to Netflix?

**Design Process**

I went about designing my visualization by following along with the lectures and creating the sample visualizations. I created the sample bar graphs, line chart, and scatter plot. Then, I substituted the sample dataset and variables with my dataset and variables. I also changed the chart size to match my dataset. A lot of my visualizations were not working initially. I continued to tweak the variables and values until static bar graph, line chart, and scatter plot visualizations were accurately reflecting my dataset.

I chose to use the line chart and scatter plot as my visualizations because they clearly show the increase in R-rated movies that have been added to Netflix over the past decade. Based on the visualizations and the underlying dataset, the number of R-rated movies that were added to Netflix quickly rose in 2017 and continued to rise until the peak in 2019. Then, the number of R-rated movies added to Netflix dropped in 2020, then rose again slightly in 2021. Overall, it’s very clear that the number of R-rated films that have been added to Netflix has greatly increased over time and are continually added to the streaming platform each year.

**Dataset**

[Netflix Movies and TV Shows](https://www.kaggle.com/datasets/shivamb/netflix-shows)

**Visualizations Repository**

<https://github.com/delijah-anderson/visualizations.github.io>

**YouTube video**

<https://youtu.be/X4ty1HJH6R8>

Chart, line chart

Description automatically generated

Chart, scatter chart

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Chart, scatter chart

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