



# Udacity Project

Visualize movie data



# General information

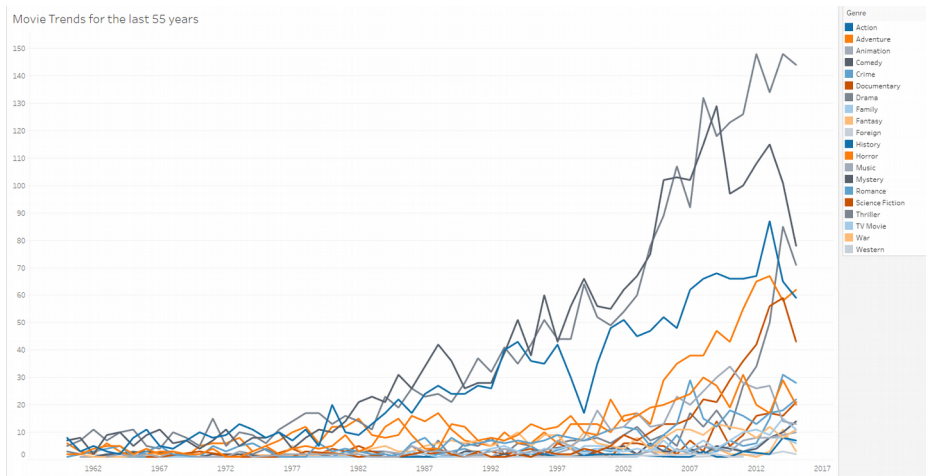
First you can find the Tableau project here:

<https://public.tableau.com/profile/bj.rn.gam#!/vizhome/UCVisualizeMovieData/Q2Story?publish=yes>

Second: For the pptx I stored the explanation inside the note section. But for the PDF file I placed the notes next to the graph.

# How have movie genres changed over time?

This visualization displays on the X axis a list of the years, and the Y axis shows the number of movies released per year. The graph itself shows the different movie genres.

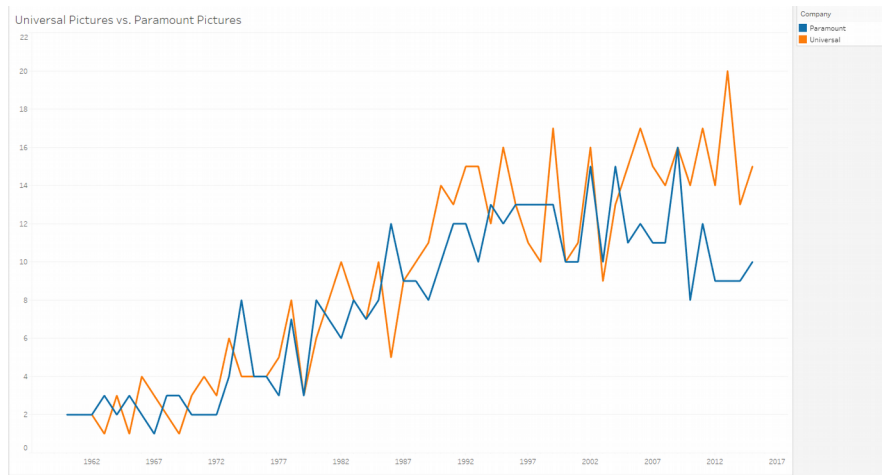


As we can see the biggest increased genre of all is the drama. Following by comedy with a small decrease around 2013. Also there is a significance increase at the horror genre.

Poor dogs are the history, music and the family genre.

# How do the attributes differ between Universal Pictures and Paramount Pictures?

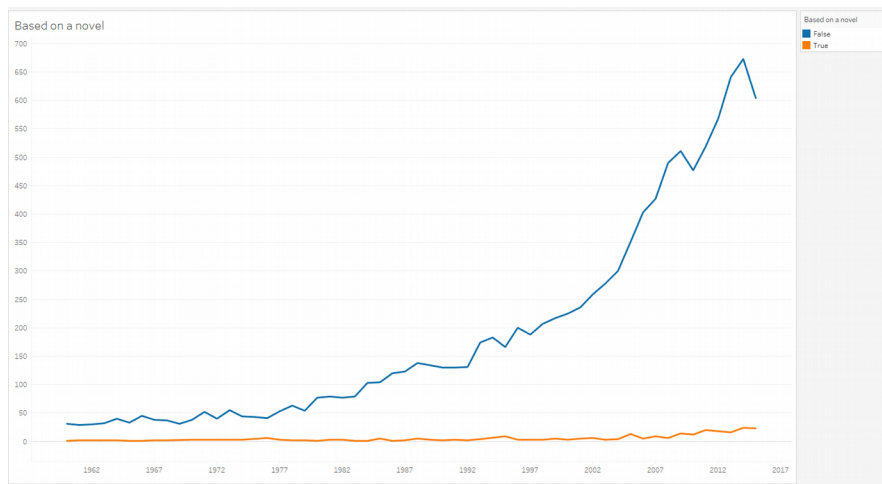
This visualization displays on the X axis a list of the years, and the Y axis shows the number of movies released per year. The graph represents the work of the Paramount studios and the Universal studios in terms of releasing movies.



As we can see until 1967 Paramount released more movies as Universal but after this Universal nearly always released more movies as Paramount. From the year 2010 on Universal released plenty more movies as Paramount.

# How have movies based on novels performed relative to movies not based on novels?

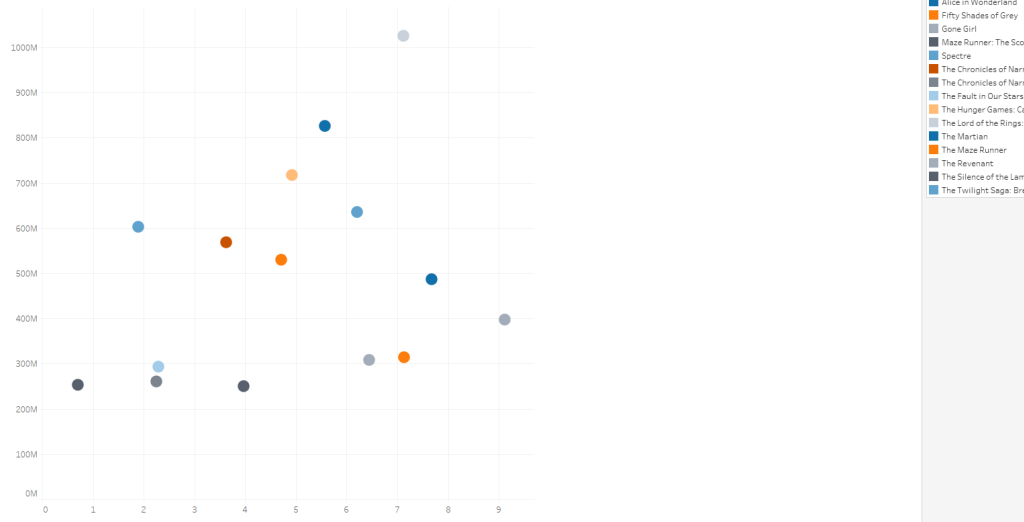
This visualization displays on the X axis a list of the years, and the Y axis shows the number of movies released per year. The graph represents if the movie was released 'based on a novel' or not.



As we can see there is maximum value of 25 'novel based' movies per year. And also at 60ths there was not such a big gap between none novel based movies and movies based on novels.

# Popular movies based on novels with at least a gross of \$250,000,000

Popular movies based on novels with at least a gross of \$250,000,000



This visualization displays on the X axis the quantity of popularity of the movies, and the Y axis shows the gross earnings. The graph shows the movies based on novels with at least a gross earning of \$250,000,000.

So the final question is it: Are novel based movies popular and is the gross earning good enough? We can see fantasy novels and there movies are quite popular and the gross earning is quite well. So it makes sense for Amazon to make a Lord of the rings TV series