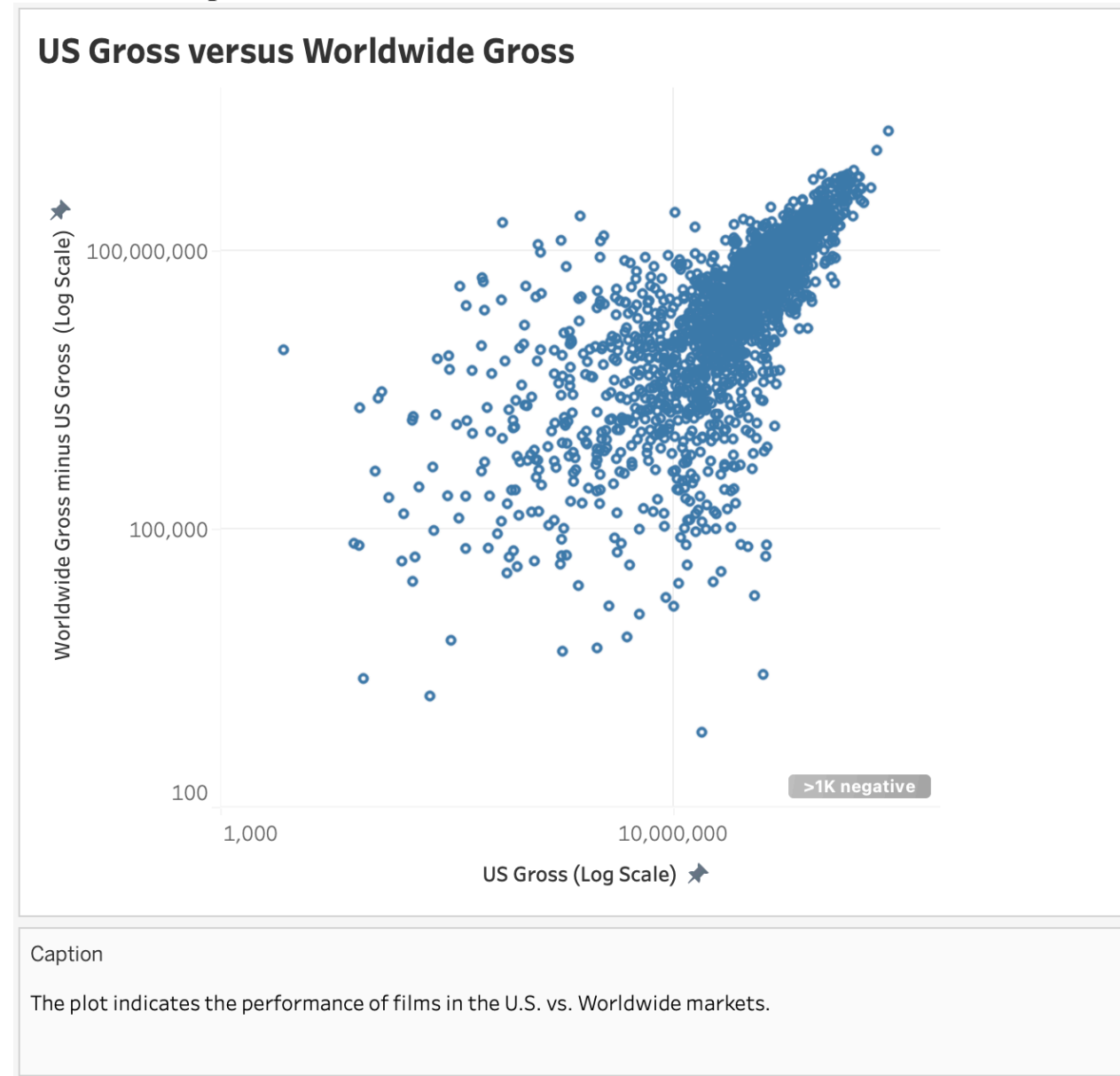


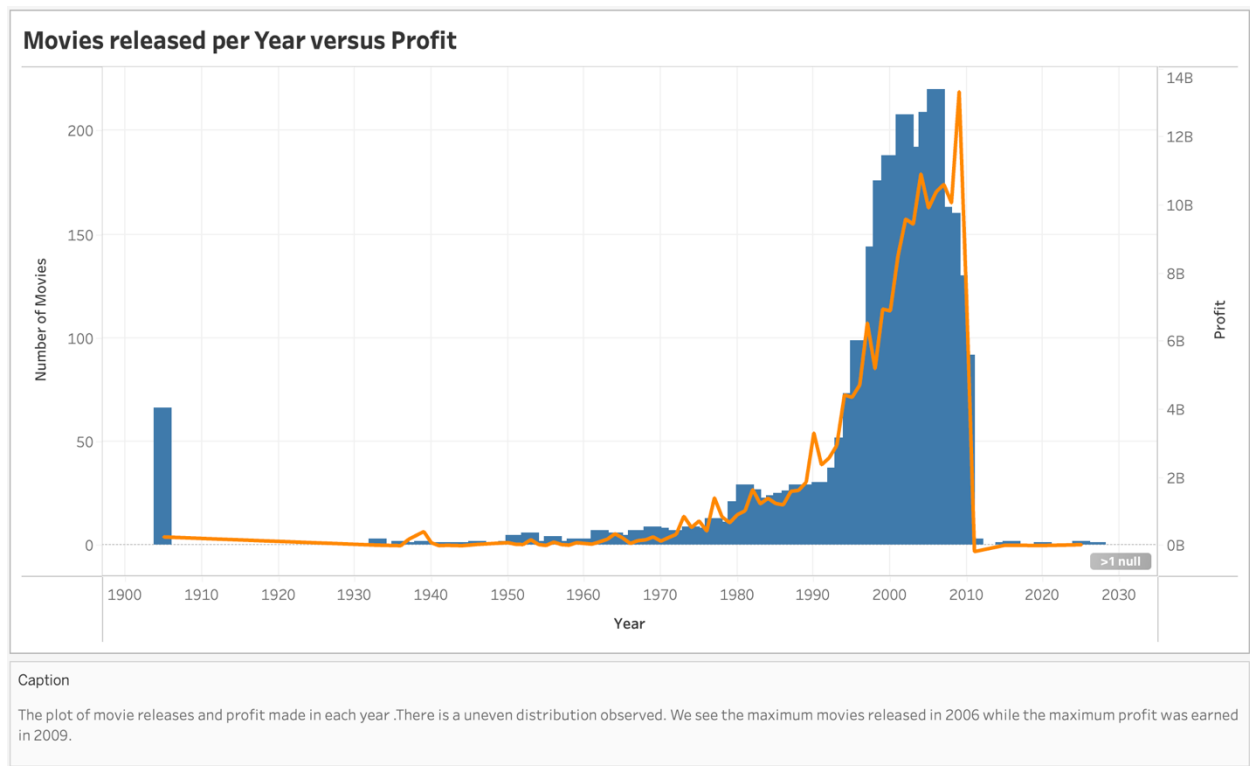
DAV Homework #3

How do films perform in U.S. versus international markets?



Although there are exceptions, there is a strong correlation between the box office in the United States and the box office in the rest of the world (excluding the United States).

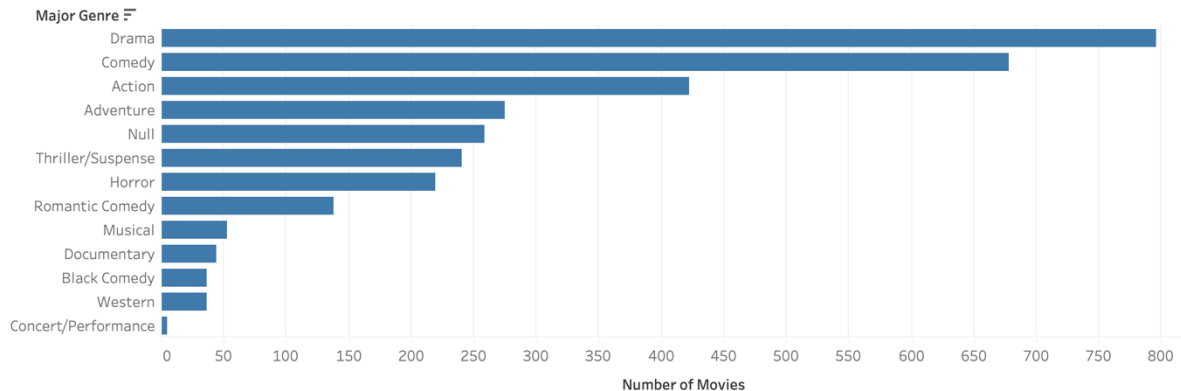
Does the number of movies released directly impact the Profit made?



The plot compares movie releases and profits made in each year. There is an unequal distribution. The most films were released in 2006, whereas the most money was made in 2009.

How do box office profits vary according to genre?

Movies per Major Genre

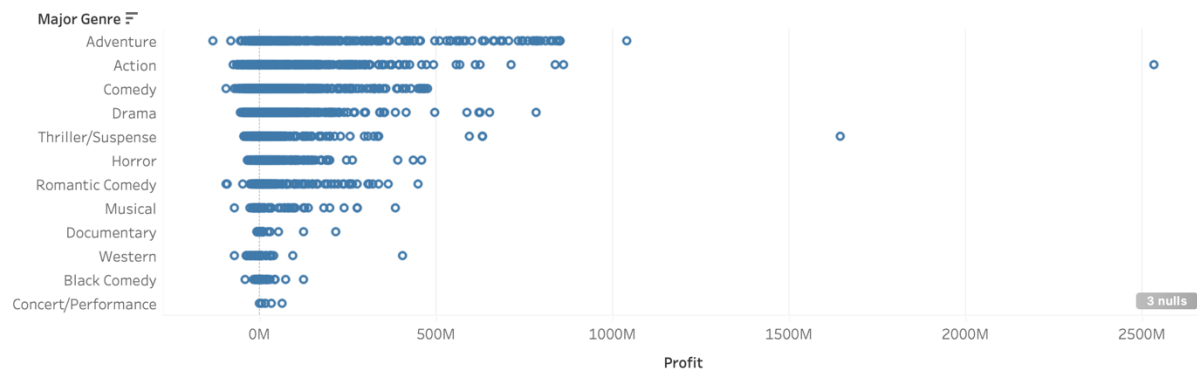


Caption

The plot depicts the movie released per major genre.

Most movies are made in the genre of Drama. However, most profits are made in Adventure.

Profit by Genre

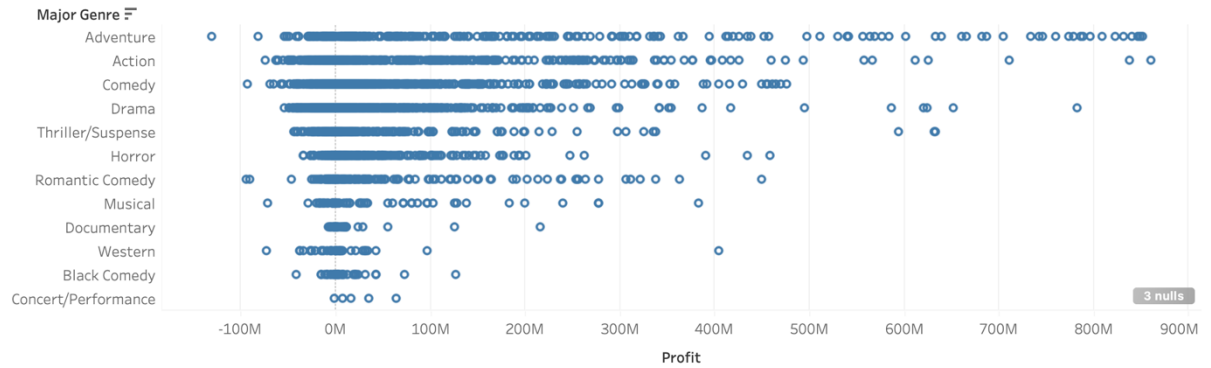


Caption

Sum of Profit for each Major Genre. Details are shown for Title. The view is filtered on Major Genre.

We see there are three outliers that are making profits greater than 1Billion dollars. Filtering them out further we see a plot as below.

Profit by Genre (excluding the outliers)

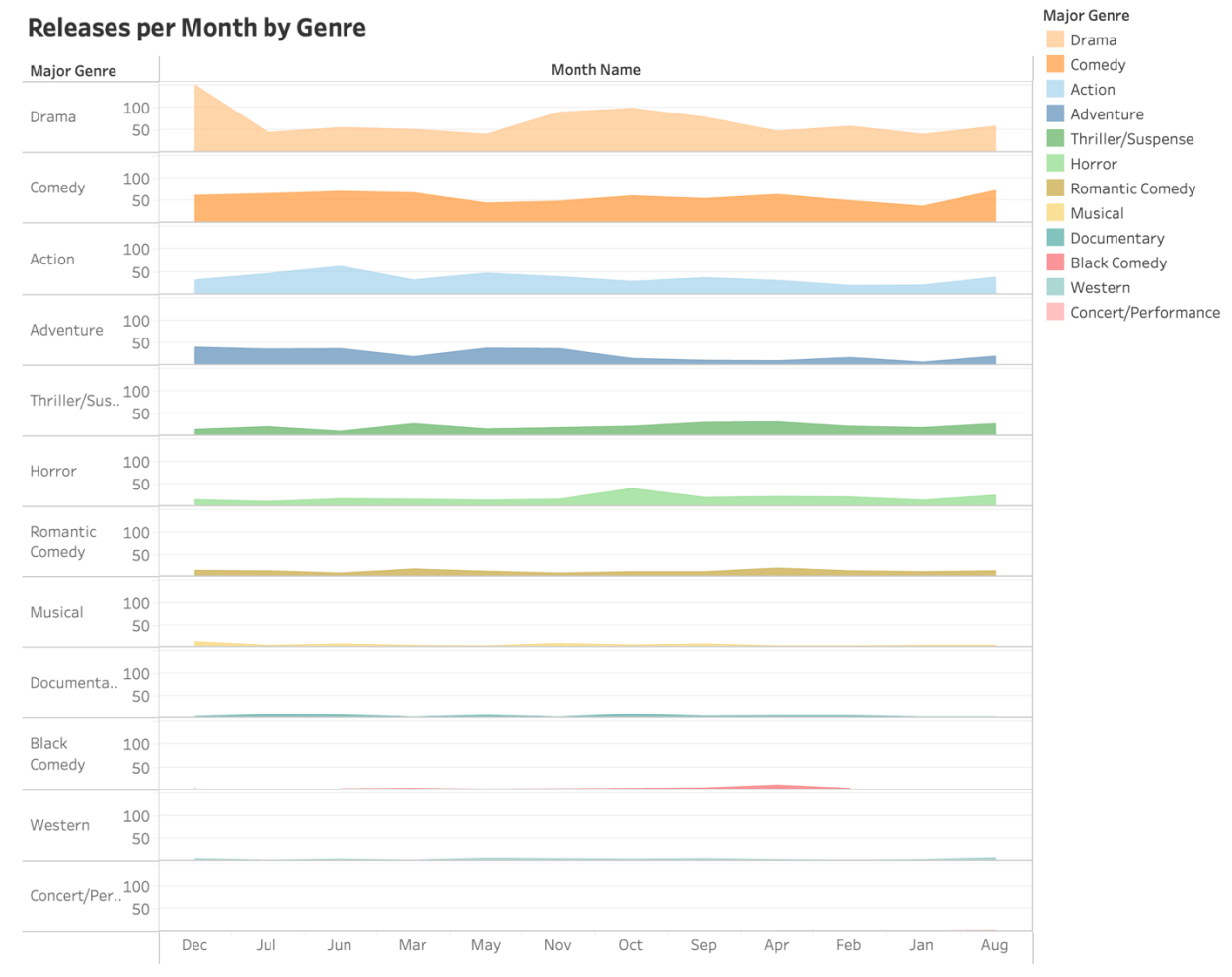


Caption

Sum of Profit for each Major Genre. Details are shown for Title. The view is filtered on Major Genre and Exclusions (Major Genre,Title). The Major Genre filter excludes Null. The Exclusions (Major Genre,Title) filter keeps 3,181 members.

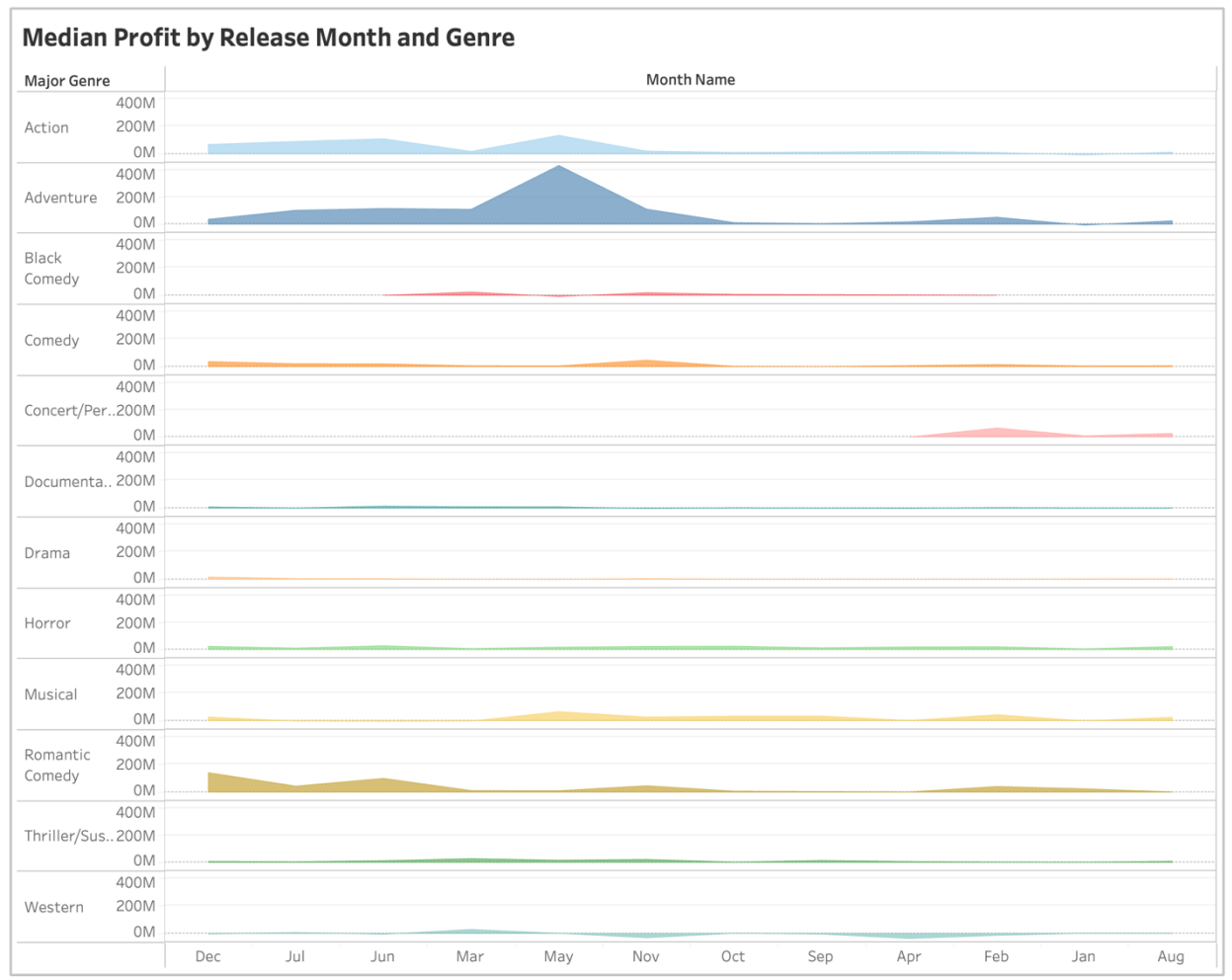
Approximately 75% of films in most genres make a profit. At least 25% of the Action and Adventure films in our sample gross more than \$100 million!

How do distributors strategize release dates for specific film genres?



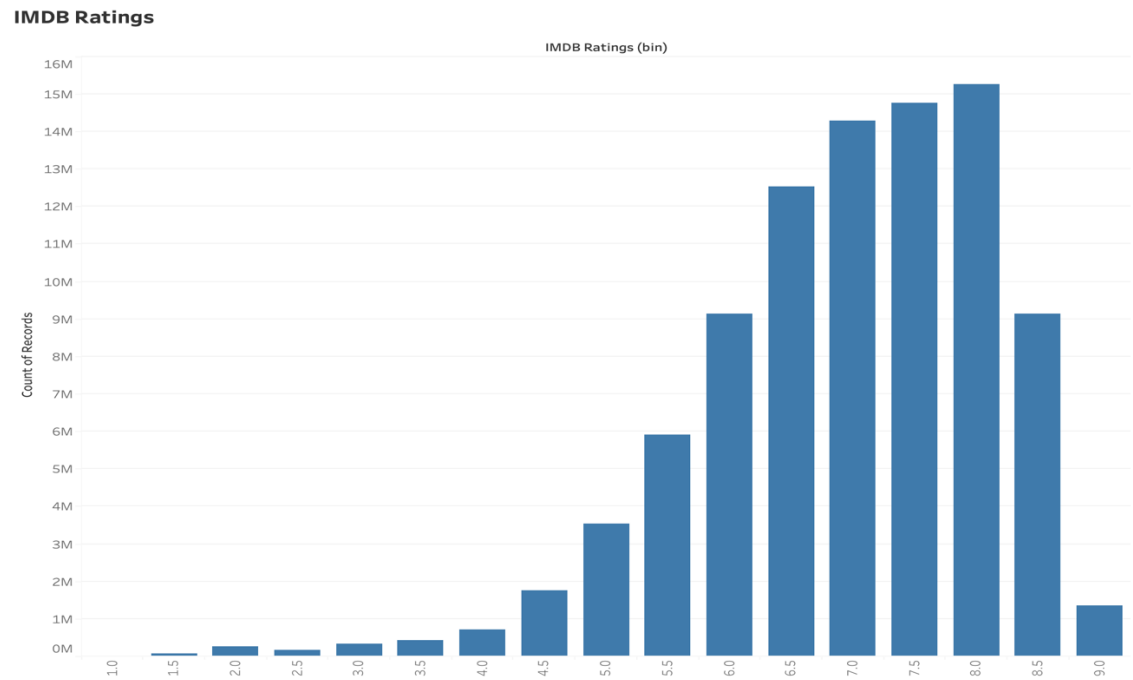
Peak seasons for the release of action and adventure films are in the summer, those of thrillers and comedies in the spring, horror pictures in the fall during Halloween, and dramatic films in the winter before the Academy Awards are presented.

How does revenue increase during these high-release months?

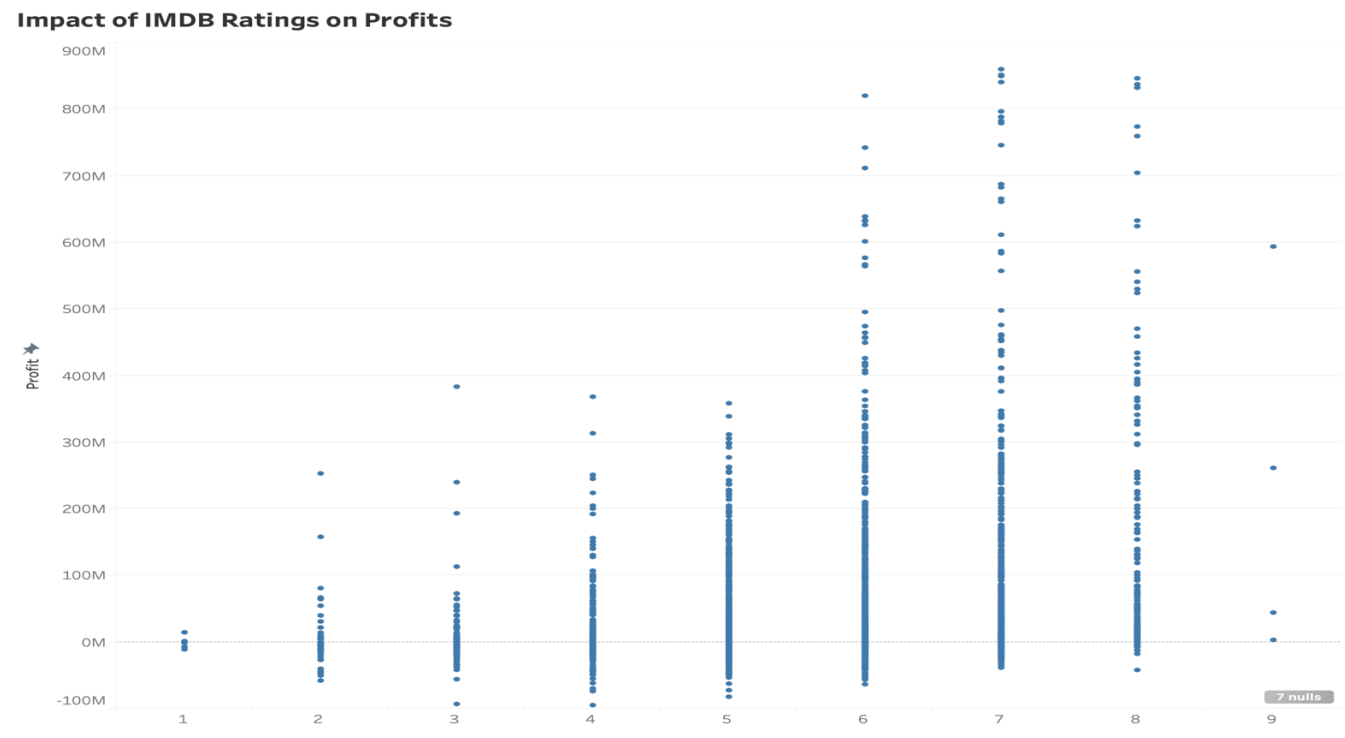


Somewhat. May is the best month for sales of action and adventure movies, while the summer and the end of the year are best for comedies. While Others do not do so well in terms of profitability, Horror is doing fairly well.

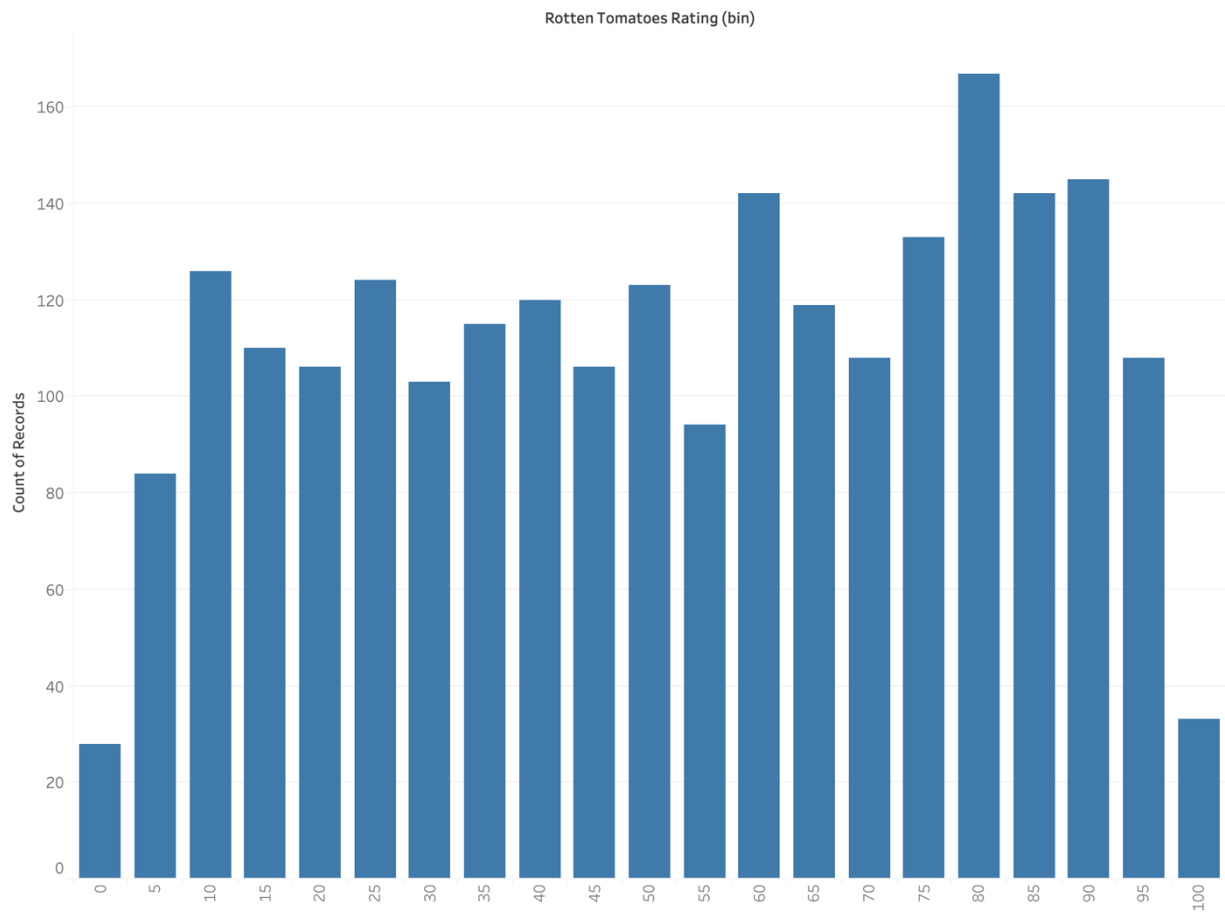
How is the Revenue impacted by the IMDB Ratings of the fans and Rotten tomatoes rating by Critics?



The plot for IMDB Ratings look like a skewed bell-shaped one.

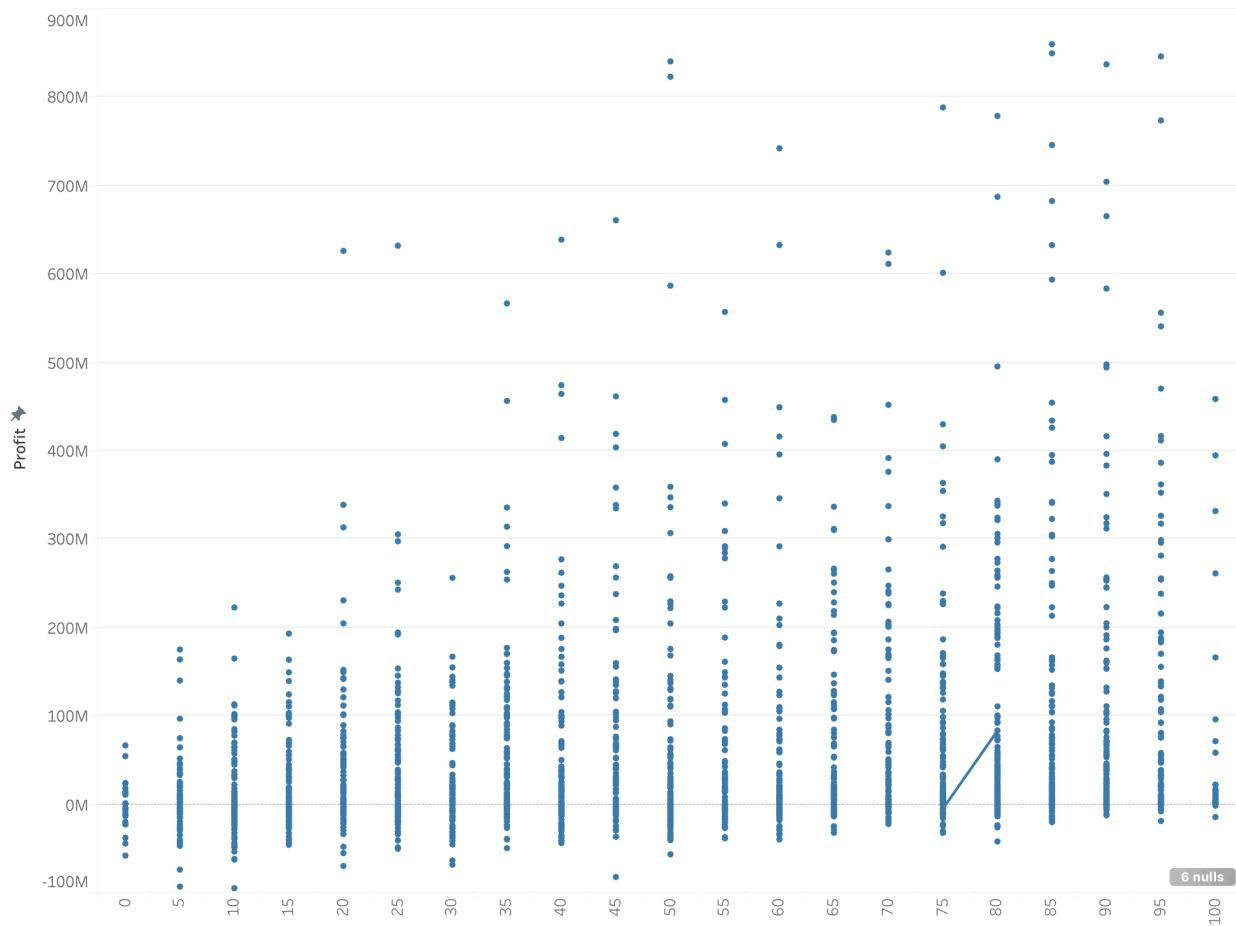


Rotten Tomatoes Ratings



The plot for Rotten tomatoes ratings shows a relatively uniform distribution.

Impact of Rotten Tomatoes Ratings on Profits



Both of these rating systems use different distributions, but both appear to be acceptable and correlate in a manner that is more or less consistent with what we might anticipate. In addition, both demonstrate null values.

We observe a positive correlation between ratings and profits. It would indicate that the more financially successful films do in fact have a tendency to receive better ratings, particularly from IMDB viewers, while this trend is less prevalent among Rotten Tomatoes critics. Unpopular films almost always perform poorly, but a large number of films with high ratings also fail to make a significant amount of money.

The results are skewed by the presence of outliers.

Even while the positive relationship is still present, there is more fluctuation in relation to the Rotten Tomatoes Ratings. In spite of negative reviews, it is possible to turn a profit with your movie.