

Project TMDb

In this project I investigate a data set containing information about 10,000 movies collected from The Movie Database (TMDb), including user ratings and revenue. While I work with this dataframe I ask myself these questions?

What are the genres Movies ?

Which quarter is the best with the profit?

Who are the most cast representatives in this data?

Is there any correlation between vote average and profit ?

What are the most popular movies?

How popular movies are progressing with time from year to year?

Findings:

After I work with this I can say most movies on the market are Drama (4761), Comedy (3793), Thriller(2908) and the least Western(165).

if i decide to make movie go out to people i will choose second quarter or fourth quarter of a year because they have the most profit with (33.1%,32.9%) and of course, I will think a lot before I choose the first quarter of the year(13.3%) because it seems not preferable.

There are strong positive relationship between profit and vote average

Robert De Niro, Samuel L. Jackson, and Bruce Willis most three cast representatives in this data.

We also see the popularity of the films progressing very strongly, especially after 2000.

Concoluation:

If I use the factors which make films more widespread and profitable and the appropriate casting staff, these films will receive admiration and good spread from the audience.