IMDB Movie Data analysis

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Summary

This project analyzes the data sourced from Academy XI which is IMDB movies which gives information about movies from 2010 to 2018. Descriptive analysis of movie gross and ratings shows the money made domestic or internation. We can use this analysis to choose which studio are the best and make high rated movies.

Outline

- Business Problem
- Data
- Methods
- Results
- Conclusions

Business Problem

Top movies can be made with highest revenue using this data analysis by choosing are the movies supposed to be launched domestic or international, how does the movie rating effect the money made by movies and the best studios which make the movies. Based on this analysis, business in movies can be more productive.
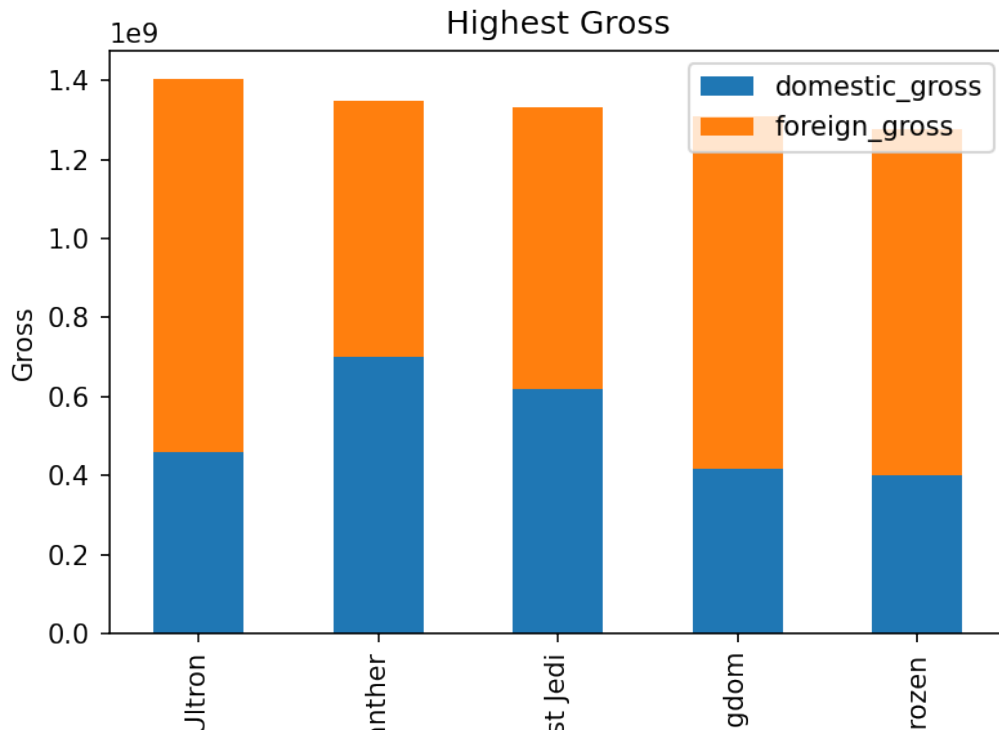
Data

IMDB movie data sets are been sourced by Academy XI to me where they are mutiple data sets and cointains unique keys to connect to each other with tconst id, year, title.
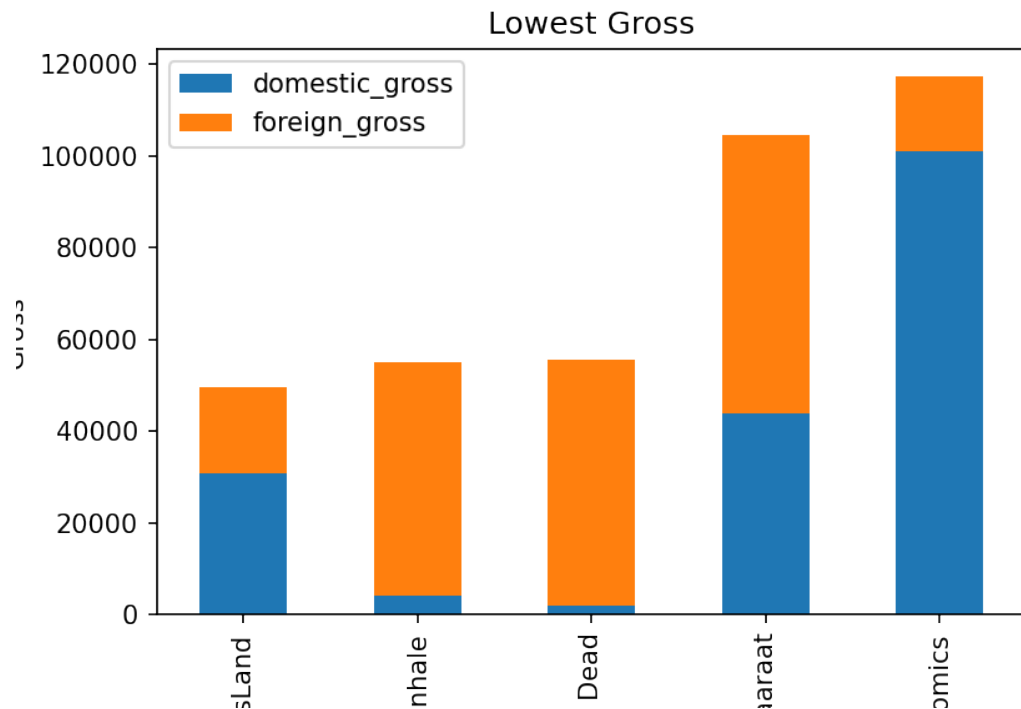
Methods

The missing values cant be retrieved as the data has been sourced from Acadamey XI, either cant source it from internet as they are many sources and different data and need to be drop all the missing data.

Results

As we can see tho its the top movies or least movies, they make more profit internationally than domestic from both highest rated movies and lowest rated movies.
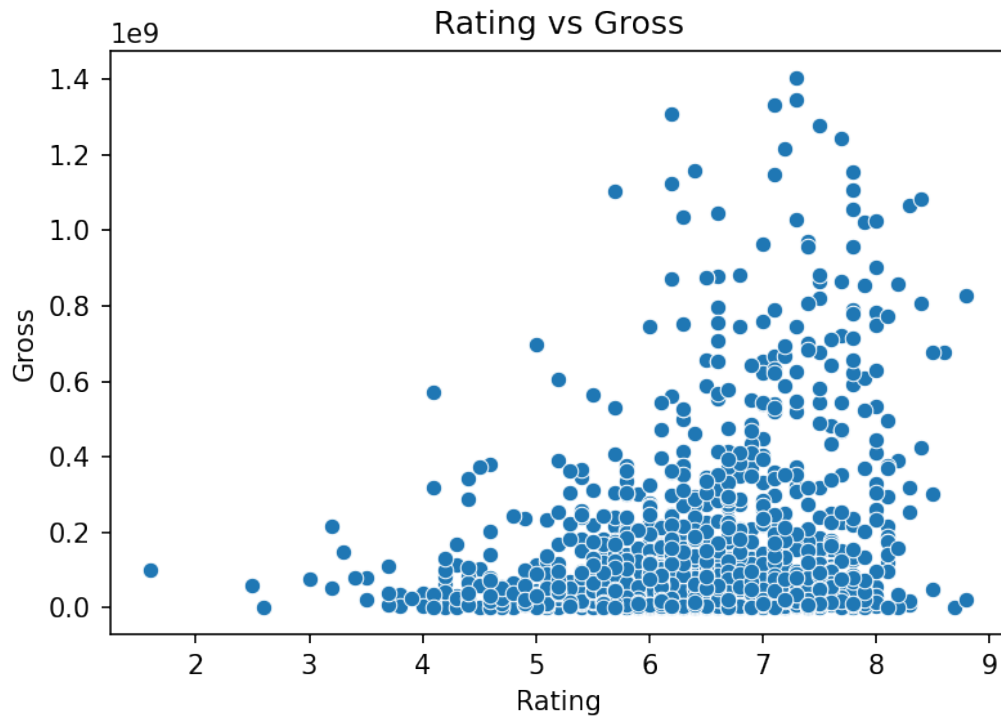
Results

Lowest Gross
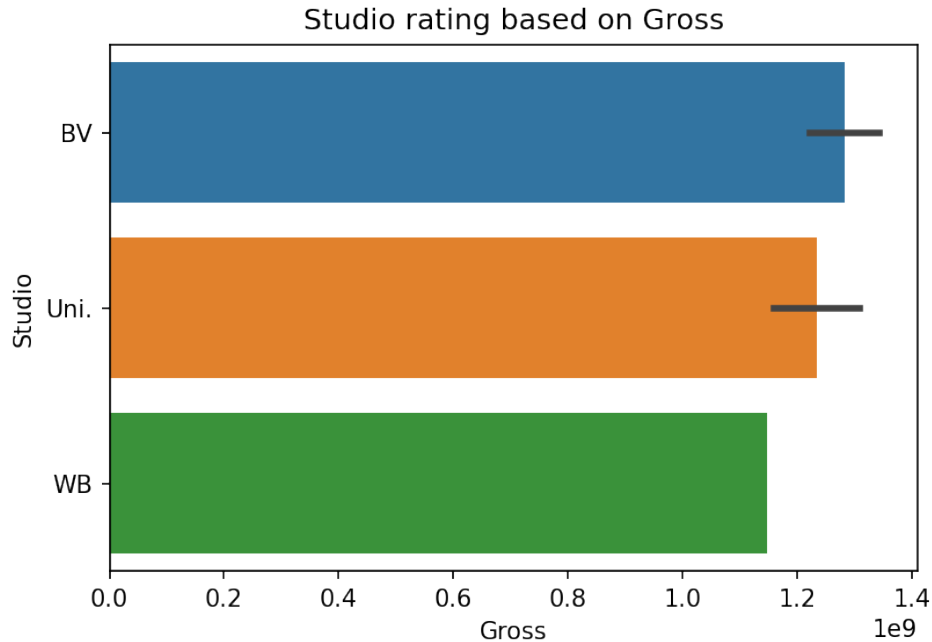
Analysis from least 5 rated movies using the gross of the movies.

Results

Rating vs Gross

Through this plot we can clearly say Rating does play a crucial role in making profits from movies.¶

Results

Studio rating based on Gross

Trying to find which studio is best and makes the highest amount of profit overall.

Conclusions

This analysis leads to three recommendations for making profits in movie industry:

- High rated movies give the highest profits.
- More international movies need to be made rather than domestic movies for higher returns
- Studio BV is the rated, so making movies with BV is highly profitable.

Thank You!

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