

MOVIE PREDICTION

Author – John Kioko



BUSINESS UNDERSTANDING

We are exploring what types of films are currently doing the best at the box office.

Translate The findings into an actionable insight that the head of Microsoft's new movie studio can use to help decide what type of films to create.



DATA EXPLORATION ANALYSIS (EDA)



MAIN OBJECTIVE

Find the type of films that are currently doing better at the box office and use the data to help create a new movie studio.

OTHER OBJECTIVES

Determine the relationships between genres and various predictor variables(using rating, gross and numbers of votes)

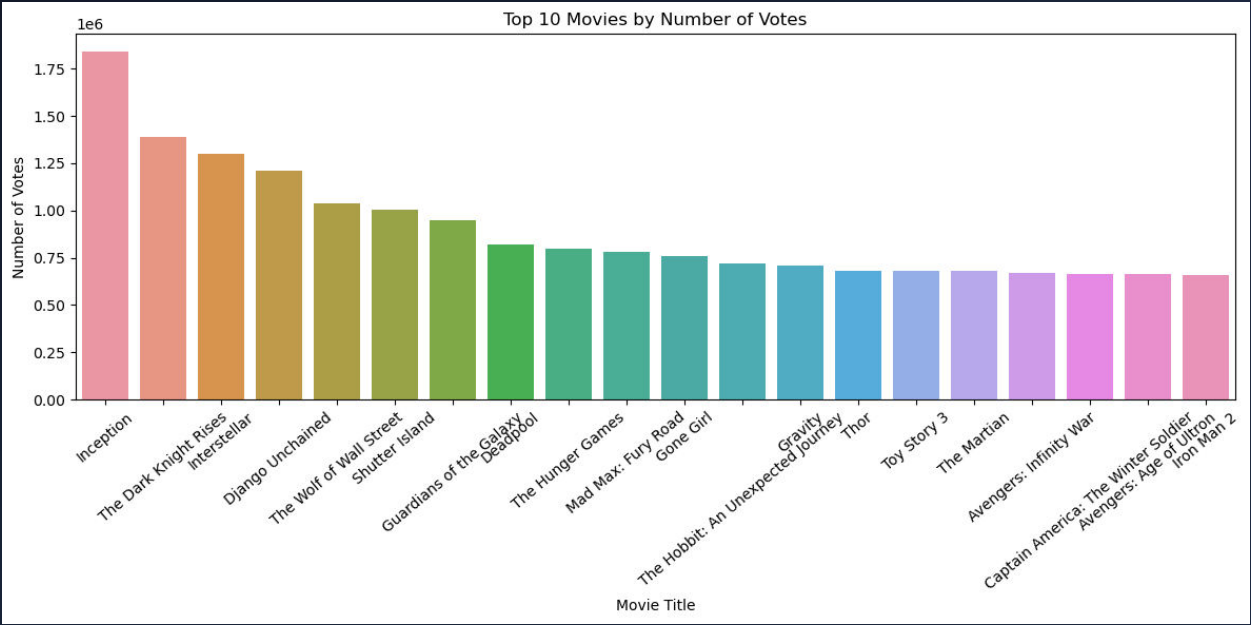
Determine the relationships between the title and various predictor variables(using rating, gross and number of votes)

Determine how average rating and number of votes will affect movies to be produced

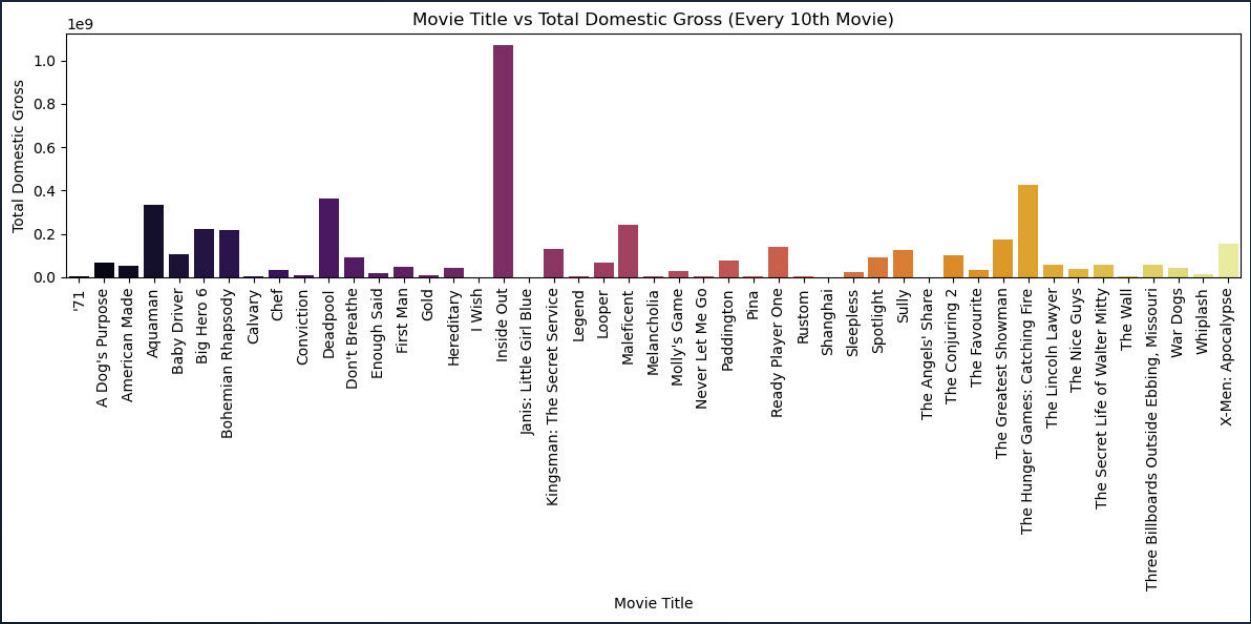


The number of votes cast for different movies

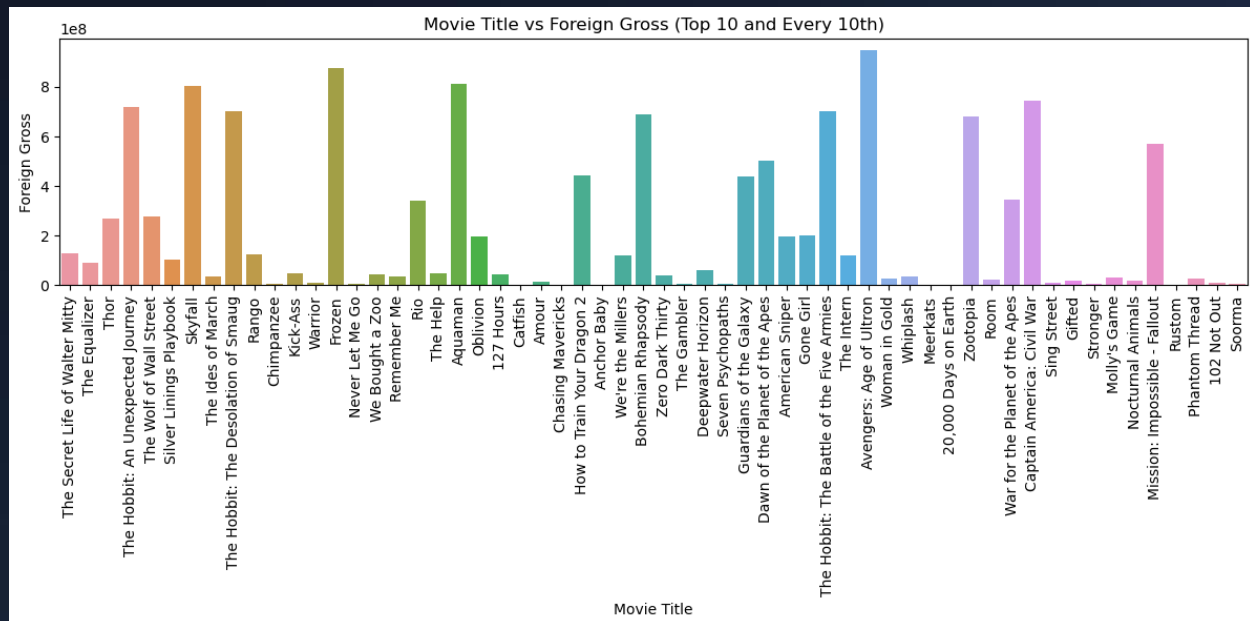
The Movies are arranged according to top ten



The amount of Domestic Gross received domestically compared to the the Movie Title



The amount of Foreign Gross compared against the Movie Title



Recommendation

Based on the Above observations and Visualizations, I would advise the managers to:

- For Foreign Countries it would be best to venture in Adventure, Animation, Comedy movies, Action, Thriller movies, and Biography, Drama and Music Genres because of their high selling rates in other foreign countries.
- To invest also in Adventure, Drama, Sci-Fi Movies, Action Thrillers and Western Drama Genres because they are the top most Genres
- For International Market, they should also focus on Action, Adventure Sci-Fi Movies because of their high demand both locally and in Foreign Countries.

THANK YOU
AND
CUT

