Group 5 Project Proposal: Through the Lens

Intro the topic

Predicting success of films – looking ahead at obvious upcoming awards bait-y films to predict their profitability and showcase! Movie Sequels, Movie Musicals, Remakes, Based on a Book, etc. IMDB Scores and Rotten Tomato ratings to help us identify the movie most likely to succeed.

Colors
Black/White/Red?

Prediction
Users can input their favorite movie and find other films they might enjoy.

Basic design concepts for dashboard
Interactive dashboard with movie budget versus earnings, critical acclaim, etc.

Dashboard filtering our categories - sequels, musicals, etc.

Location based; which film performed well based on country vs. the films that tanked in that region. What are the themes seen in the outcome of the movie's success?

Roles and Responsibilities

Tableau: All

Web: All, Jamie Lead

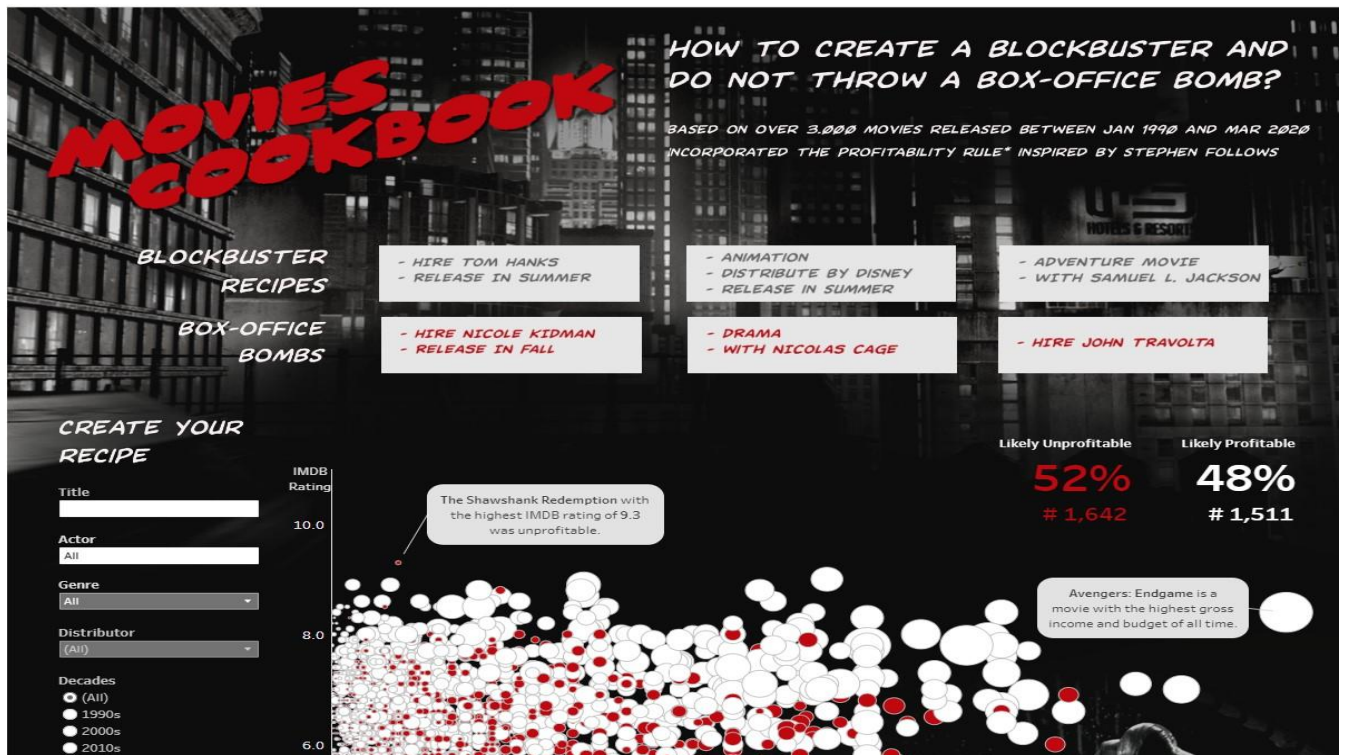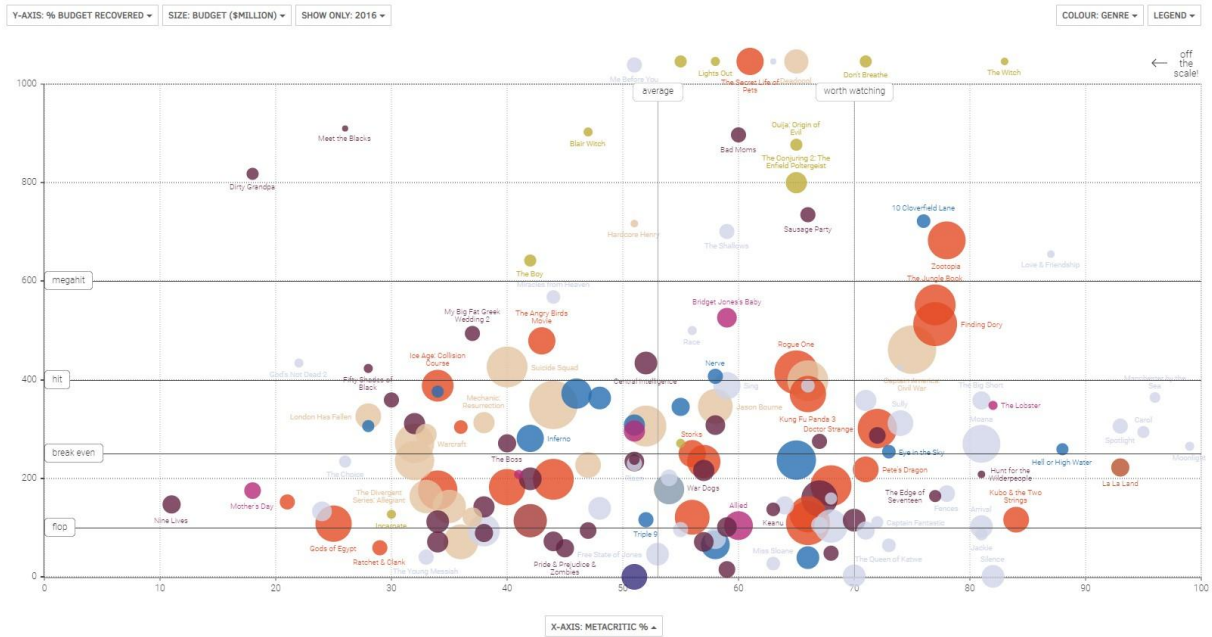Database - Nasreen & Gadise

Repository - Jaime & Tracie

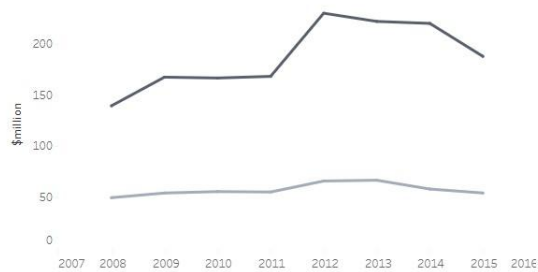Machine Learning Model - All

X: Deciding the technology used - All

We will assign specific leads as we go, because we are collaborative and amazingly talented as a group.

Inspiration

Visualization explorer for every major film 2008-2016
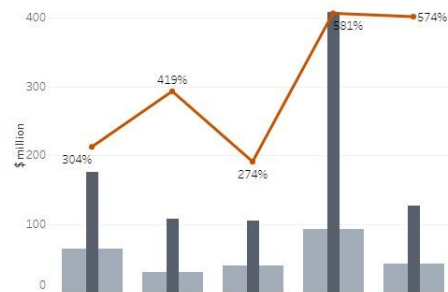
Why Hollywood loves sequels by Kundan

Although box office collections and production budgets have declined from their peak in 2012...
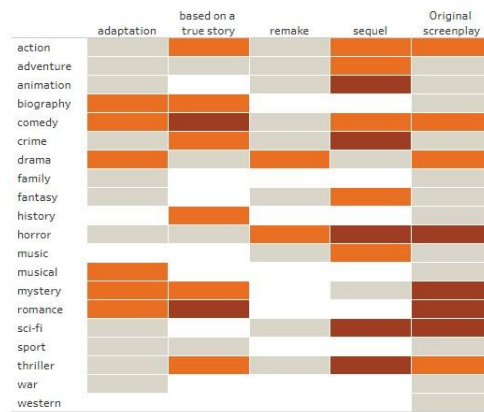
....sequels have the highest budget, worldwide gross and are most profitable

Marketing costs are not included in production budget. As per industry norms, a movie achieves break even at 200% of production budget

Sequel with plotlines of animation, crime, horror, sci-fi and thrillers are the most profitable

has been the most successful sequel delivering 5 follow-ups that collectively grossed $685m on a total budget of $28m

Planned Datasets

https://www.kaggle.com/datasets/igorkirko/wwwboxofficemojocom-movies-with-budget-listed

https://www.kaggle.com/datasets/stefanoleone992/rotten-tomatoes-movies-and-critic-reviews-dataset

Questions to explore:

If I like x movie, what other movies would Iike? (Based on genre & content_rating)

How successful were movie sequels compared to their original film?

How successful were movies based on profit? (Filter by year, actors, directors)