

Analysing Movie Data Sets to Enter Movie Industry

Flatiron School, Data Science, Flex Program

by

Milad Shirani

Contents

- ❑ Project Overview
- ❑ Genre
- ❑ Directors
- ❑ Studio
- ❑ Release Month
- ❑ Conclusion
- ❑ Next Steps
- ❑ Q & A

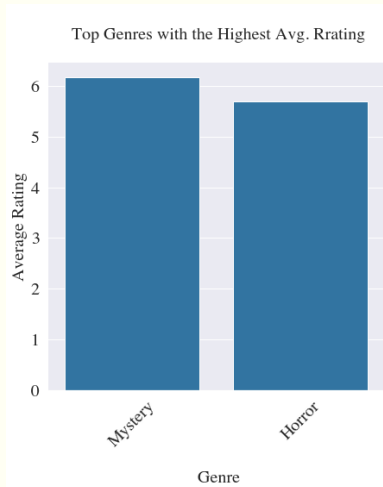
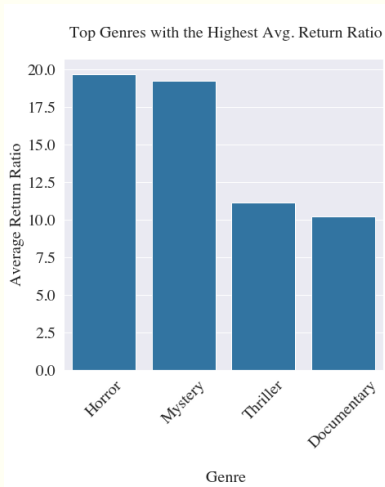
Project Overview

1. The goal of this project is analysing movie data sets to enter the movie industry
2. Data is coming from IMDB and Rotten Tomatoes
3. We use highest mean of return ratio as the metric
4. By using data and the metric we will pick
 - ❖ Genre
 - ❖ Director
 - ❖ Studio
 - ❖ Release Month

Data

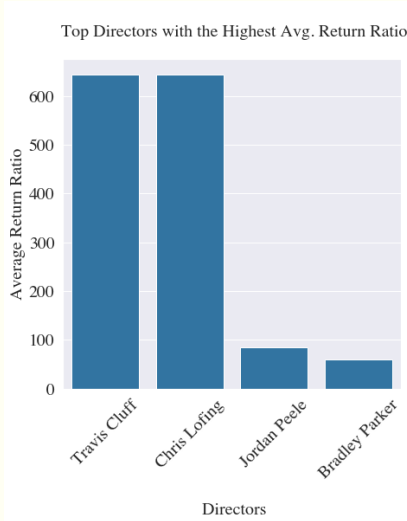
- ❖ Data is from IMDB and Rotten Tomatoes and it contains information about movies such as:
 1. name of movies, genres, and directors
 2. release data, average rating
 3. production budget, domestic and worldwide grosses.
- ❖ We prepare data by cleaning missing values, picking the information we need and by merging different tables to have all information in a single table.

Genre



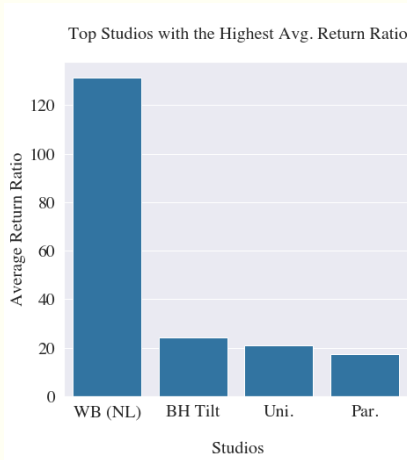
We suggest **Mystery** as the genre in order to enter movie industry

Directors



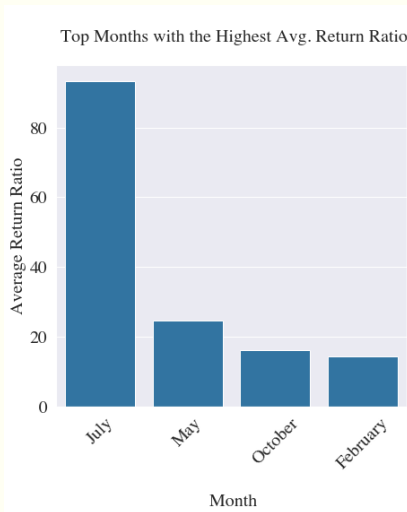
We recommend either **T. Cluff** or **C. Lofing** in order to enter movie industry.

Studio



We recommend **WB (NL)** as the Studio to enter movie industry.

Release Month



We recommend **July** as the release month to enter movie industry.

Conclusion

- ❖ Project goal is to analysis movie data sets in order to enter the movie industry.
- ❖ We picked highest mean of return ratio as the metric.
- ❖ We suggest the followings in order for them to enter the movie industry
 1. **Recommended Genre:** Mystery
 2. **Recommended Directors:** Chris Lofing or Travis Cluff
 3. **Recommended Month of Release:** July
 4. **Recommended Studio:** WB (NL)

Next Steps

1. **Selecting Writers and Actors and Actresses**
2. **Selecting Production Budget**

*Thank
You!*