

# Advice For Microsoft Movie Analysis

# Areas of Focus

**GENRE**

**DIRECTORS**

**PROFIT**

# Overview

Aim: Presenting ideas for the new Microsoft film studio on which movies to make

Methodology: Using data analysis, I tried to examine various factors for success in the world film industry.

Summary of Results:

- It seems to be a mix of drama and adventure for the best profitable movie genres
- Also for successful people who bring high profits Michael Crichton, Joe Robert Cole and Rafe Spall.
- There is a different situation. IMDB and TMDB present us with data from different genres and people.

# Data

- Data Source: Box office Mojo, IMDB, Rotten Tomatoes, and TheMovieDB.ORG.

(The data is provided by Flatiron School and collected from the respective websites.)

- View data: movie titles, genres, directors, actors, profit, etc..

- Data size: 16184 movies( after merge)

- Target variables: ratings and profit

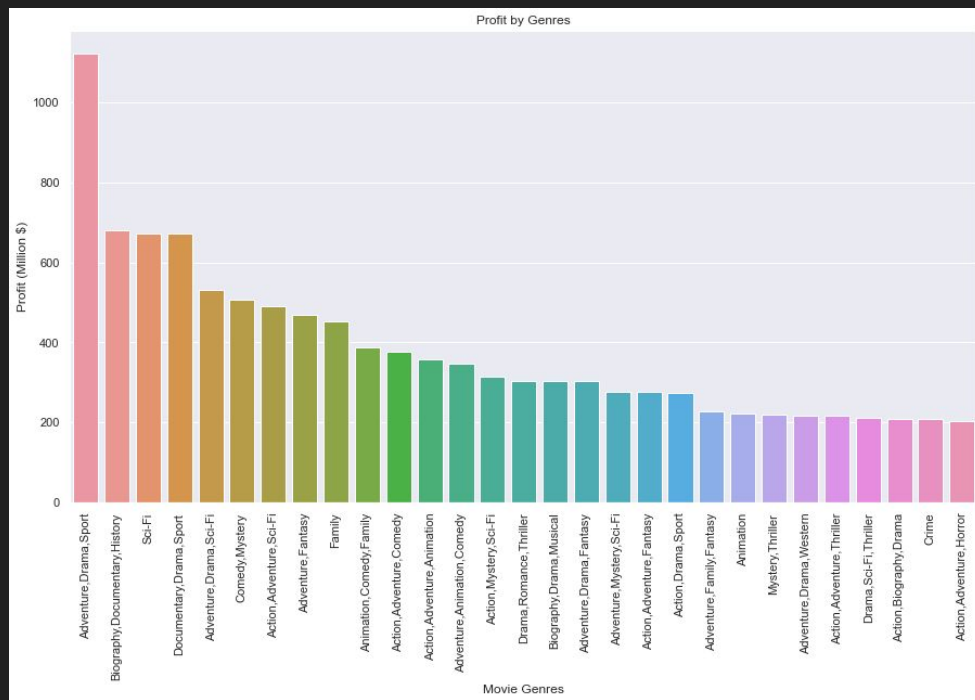
- Some columns are dropped from analysis.

- Profit is calculated using worldwide gross and production budget.

# Summary of Results

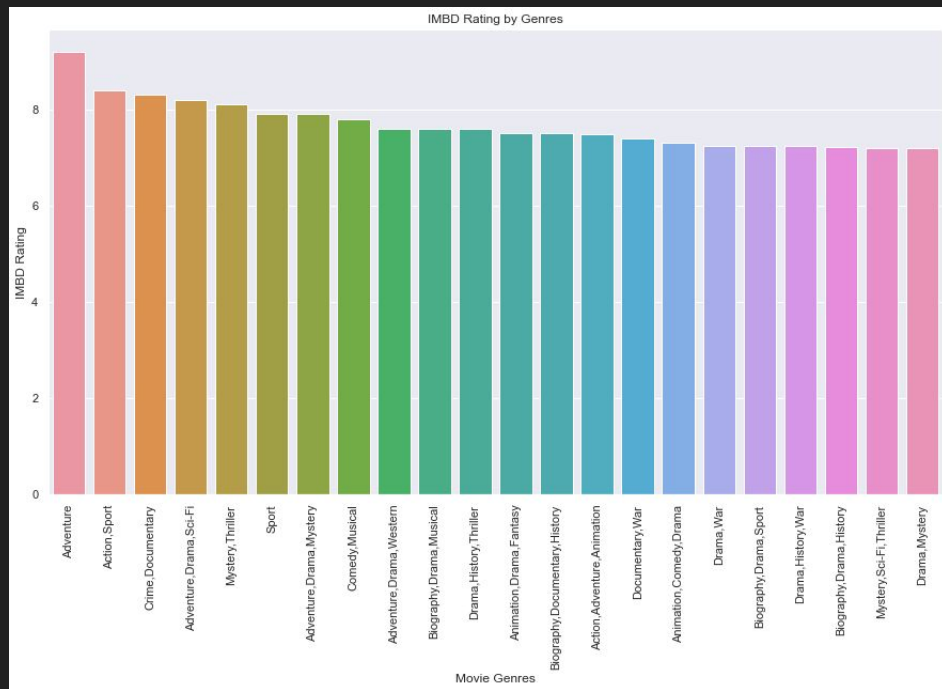
- Best movie genres for the highest profit:
  - Adventure,Drama,Sport
  - Biography, Documentary, History
  - Sci-Fi
- Best people to work with for the highest profit:
  - Michael Crichton
  - Joe Robert Cole
  - Rafe Spall
- Best movie genres by average votes on TMDB:
  - Documentary,History
  - mystery,Thriller
  - Biography,Drama,Musical
- Best movies genres by ratings on IMDB:
  - Adventure
  - Action, Sports
  - Crime, Documentary

# BEST PROFIT BY MOVIE GENRES



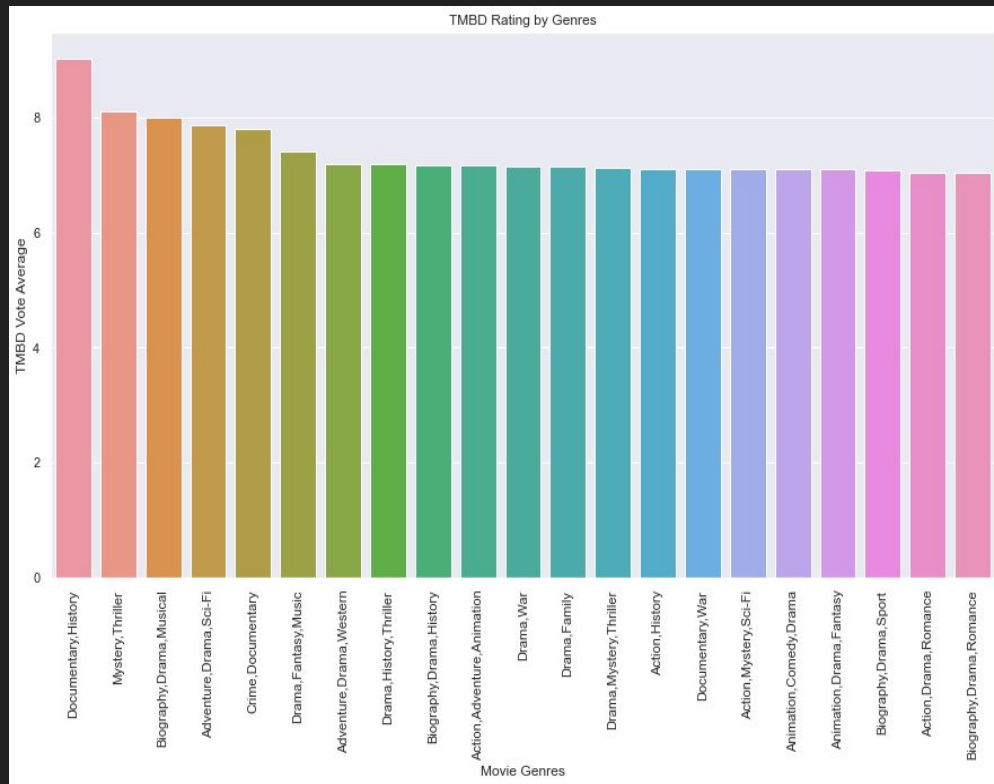
1. Adventure, Drama, Sport
2. Biography, Documentary, History
3. Sci-Fi
4. Documentary, Drama, Sport
5. Adventure, Drama, Sport
6. Comedy, Mystery
7. Action, Adventure, Sci-Fi
8. Adventure, Fantasy
9. Family
10. Animation, Comedy, Family

# BEST IMDB RATINGS BY MOVIE GENRE



1. Adventure
2. Action, Sport
3. Crime, Documentary
4. Adventure, Drama, Sci-Fi
5. Mystery, Thriller
6. Sport
7. Adventure, Drama, Mystery
8. Comedy, Musical
9. Adventure, Drama, Western
10. Biography, Drama, Mu

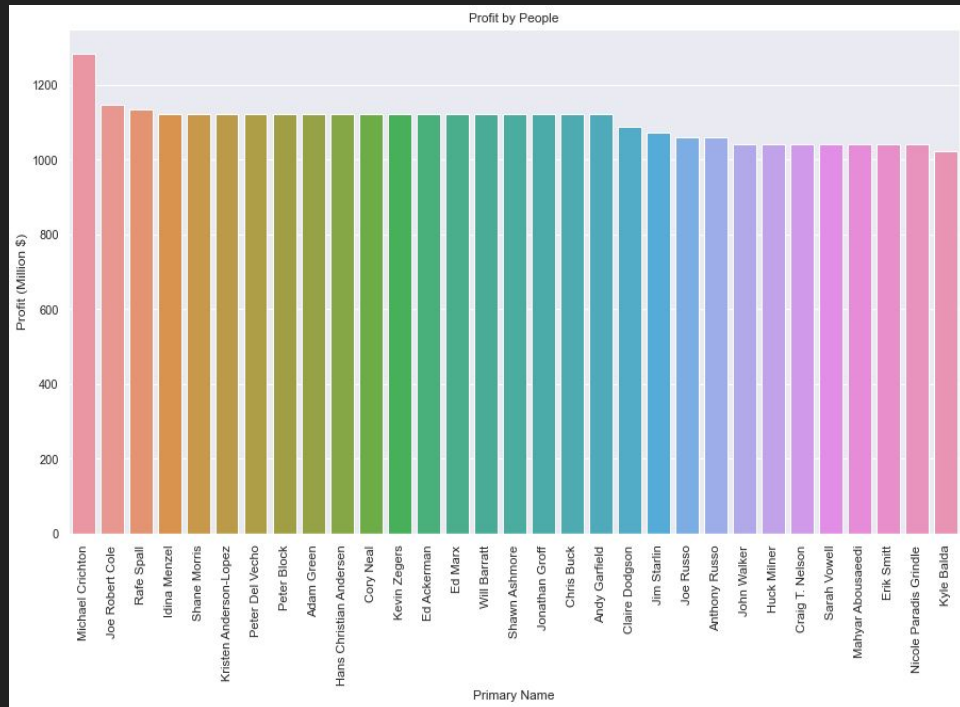
# BEST TMDB RATINGS BY MOVIE GENRE



1. Documentary, History
2. Mystery, Thriller
3. Biography, Drama, Musical
4. Adventure, Drama, Sci-Fi
5. Crime, Documentary
6. Drama, Fantasy, Music
7. Adventure, Drama, Western
8. Drama, History, Thriller
9. Biography, Drama, History
10. Action, Adventure, Animation

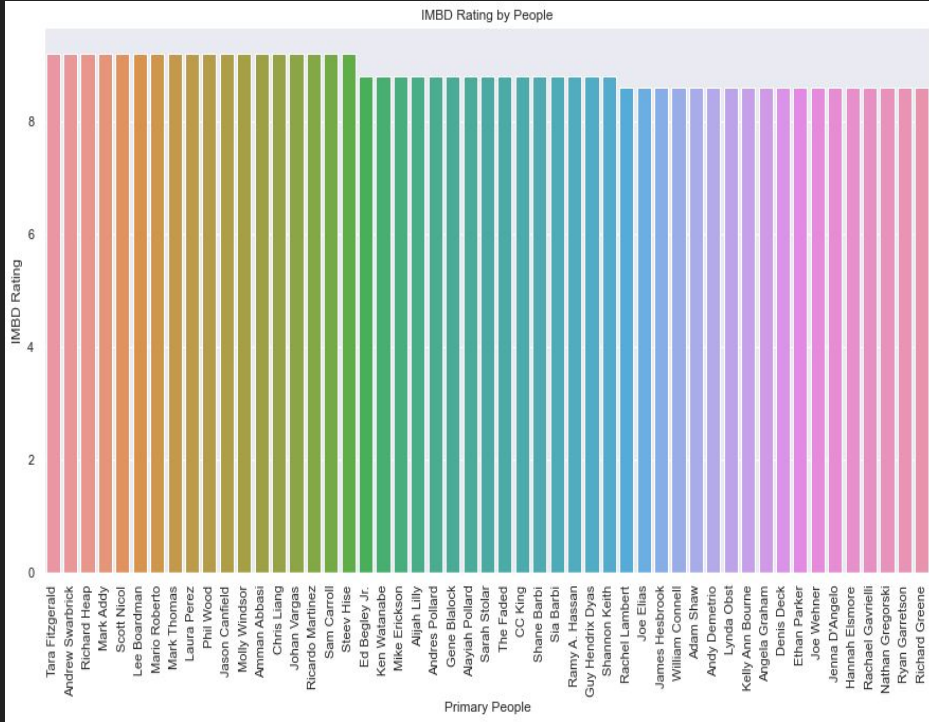


# BEST PROFIT BY PEOPLE



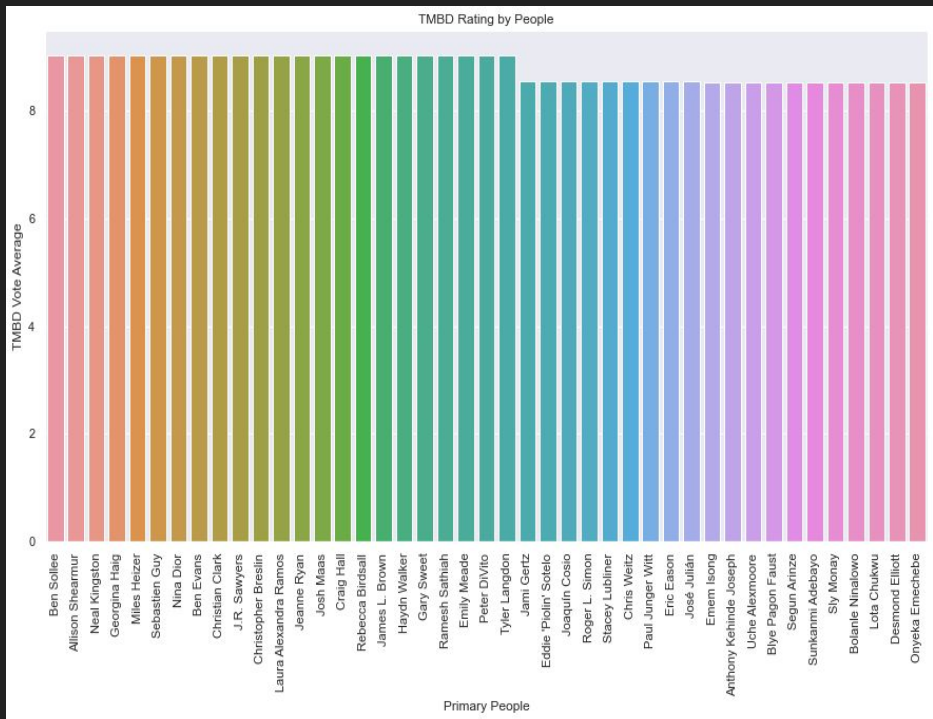
1. Michael Crichton
2. Joe Robert Cole
3. Rafe Spall
4. Idina Menzel
5. Shane Morris
6. Kristen Anderson-Lopez
7. Peter Del Vecho
8. Peter Block
9. Adam Green
10. Hans Christian Andersen

# BEST IMDB RATINGS BY PEOPLE



1. Tara Fitzgerald
2. Andrew Swarbrick
3. Richard Heap
4. Mark Addy
5. Scott Nicol
6. Lee Boardman
7. Mario Rober
8. Mark Thomas
9. Laura perez
10. Phil Wood

# BEST TMDB RATINGS BY MOVIE GENRE



1. Ben Sollee
2. Allison Shearmur
3. Neal Kingston
4. Georgina Haig
5. Miles Heizer
6. Sebastian Guy
7. Nina Dior
8. Ben Evans
9. Christian Clark
10. J.R. Sawyers

# Conclusion

- Results
  - These data have provided us with a general analysis
- Improvements
  - More data can be obtained. They provide great data for the film industry such as imdb and tmdb, but both servers may not give us the same data.
  - They should address global economic problems over the years, natural disasters, infectious diseases, the interest of countries in cinema should also be investigated.

# Thank You !

Please feel free to ask any questions now

You may also reach me via email:

Ahmet Karaoglan

[karaoglanahmet@hotmail.com](mailto:karaoglanahmet@hotmail.com)