



# Movie Data Analysis Phase 1 Project

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# Microsoft Business Problem

The company plans to create a movie studio and needs an effective business strategy based on which films are currently successful at the box office.



## Focus Points



**Oscar  
Nominations  
by Genre**



**Movie  
Trailer  
Popularity**



**Music  
Soundtracks  
& Composers**

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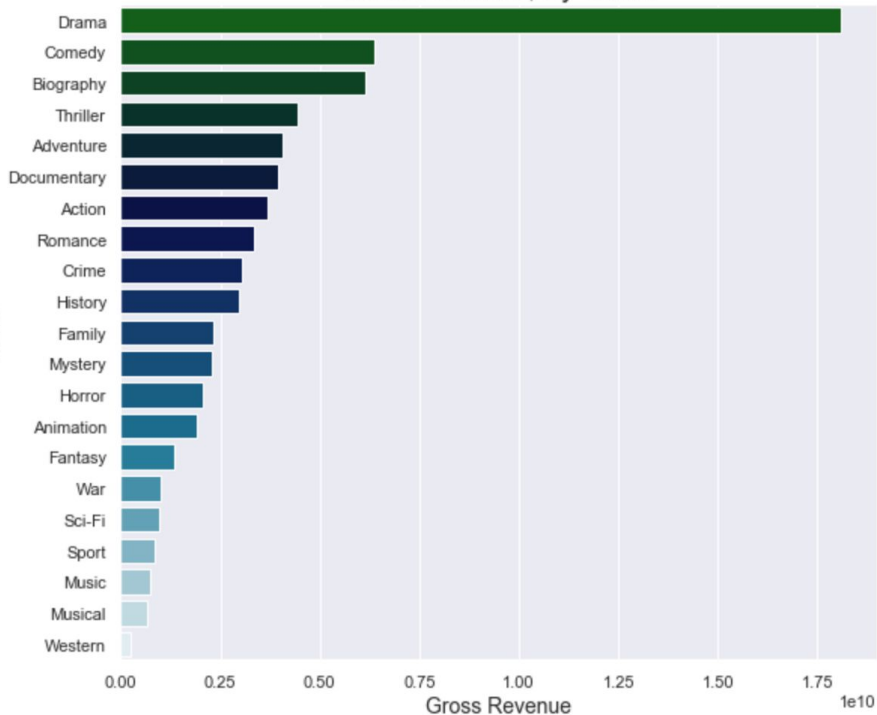
# Which Movie Genres are Most Successful?

Gross  
Revenue

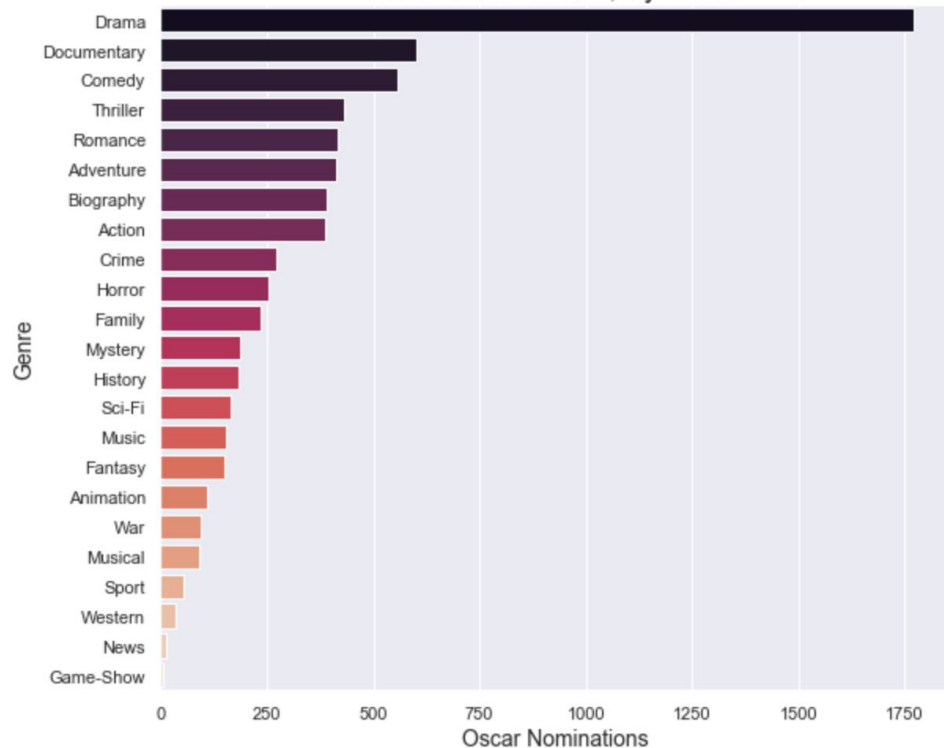
Oscar  
Nominations



### Gross Revenue, By Genre



### Oscar Nominations, By Genre



## Gross Revenue by Genre

Drama, Comedy, and Biography

## Oscar Nominations by Genre

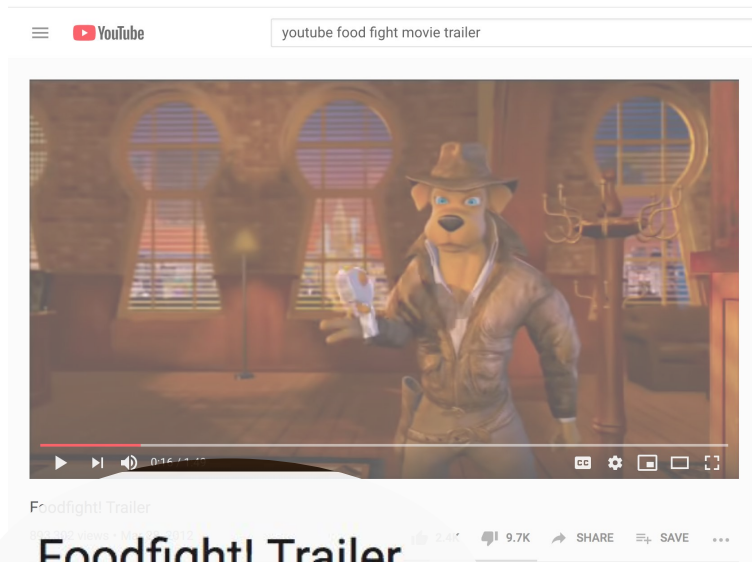
Drama, Documentary, and Comedy

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# How Does Movie Trailer Popularity Relate to Movie Success?

# Movie Trailer Views vs. Gross Revenue

Positive Correlation

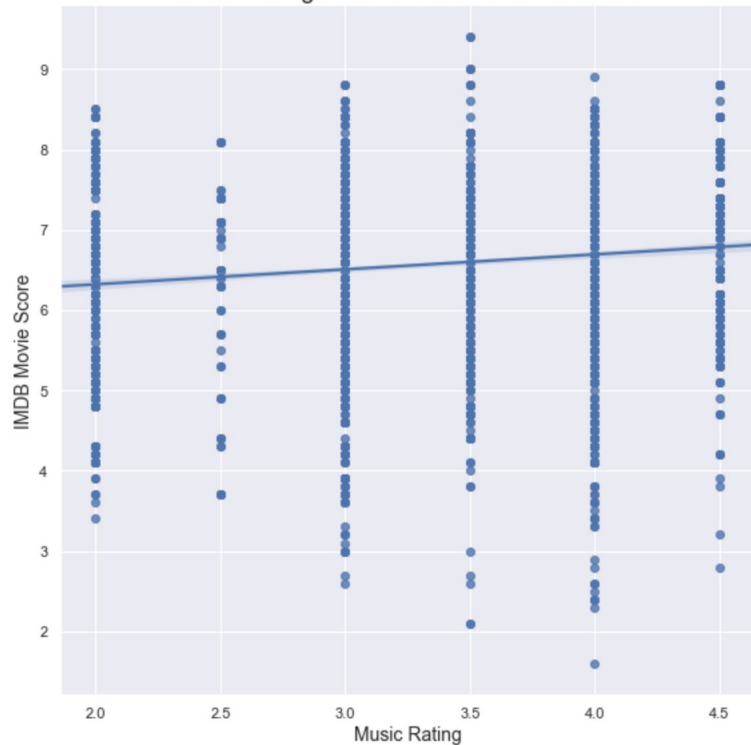


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# Does Soundtrack Contribute to a Movie's Success?



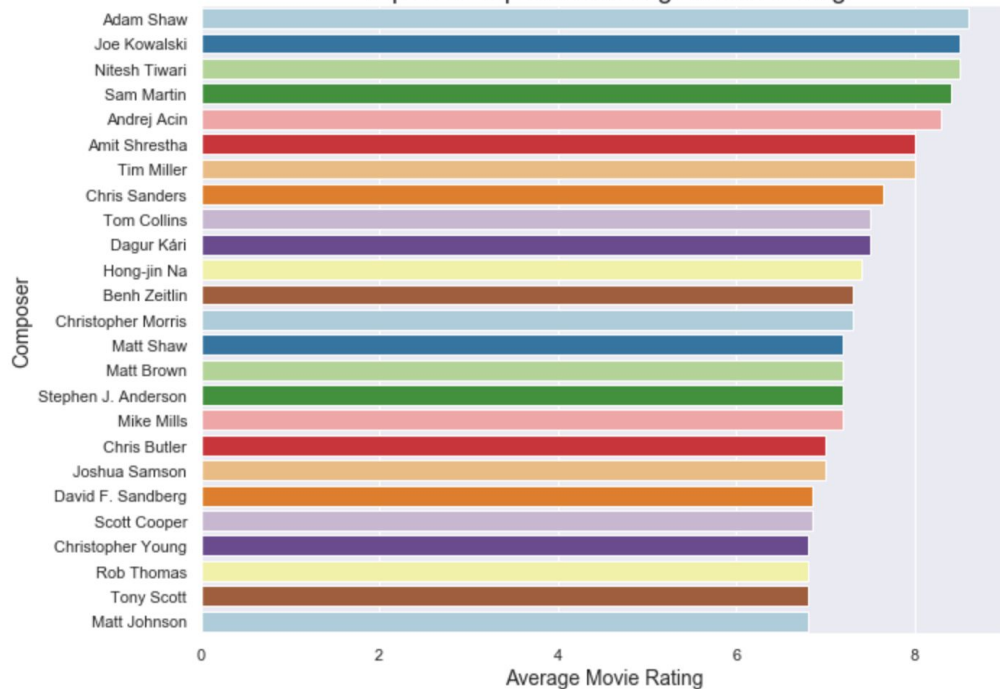
Music Rating's Effect on IMDB Movie Score



## Soundtrack Rating vs. IMDB Movie Score

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Top 25 Composers Average Movie Rating



## Leading Composers by IMDB Movie Rating

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## Conclusion

**Stick to Successful  
Genres**

**Make a good Trailer**

**Invest in the Music  
Score**