

Final Written Report

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Matthew Distell, Bo Aldridge, Haris Adnan, Lucan Franzblau, Devin Obee

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Load Packages

```
library(tidyverse)
install.packages("readxl")
library("readxl")
```

Load Data

```
myMovieData <- read_csv("IMDB-Movie-Data.csv")
```

Introduction and Data

Please introduce and discuss your data here.

For our three datasets, we are using data called myMovieData, myMusicData, and myNBADData. My-MovieData is collected from IMDB, or the International Movie Database. On that website, there is data listed for 1000 movies about 12 different variables, including genre, director, year released, runtime, and audience rating. MyMusicData is collected from the Billboard100 Hot Charts that features 29503 songs featured on the chart. The variables in the set include the runtime, loudness, performer, and genre of a given song. Finally, our myNbaData set analyzes the results of 9840 NBA games played from 2014-2018. This dataset includes statistics such as Field Goal Percentage, Three Point Percentage, who the home team was, and rebounding.

Research Questions

Please discuss your research questions here.

1. Do critics prefer longer movies than fans?
2. Are normal fans more likely to prefer action/adventure movies than a critic?
3. Other than runtime, what else causes a critic to enjoy a movie?

For each of these three datasets, we have specific research questions designed to answer interesting questions. For the myMovieData set, we plan on analyzing the differences between critic reviews and fan reviews, and identify any trends within that framework. More generally, our question is posed as: What do critics prefer in a movie as compared to fans? Our brief hypothesis is that fans prefer more action/adventure movies with shorter runtimes, while critics prefer longer dramas

Methodology

Results

Discussion