The Randomness of Oscar Winning Movies

A sampling of oscar winning movies released in my lifetime

About the Data

All movie data was sourced from the OMDB API, which accepts an IMDB id and returns a variety of data points for a given movie.

The data set created for this analysis includes:

- Movie Title
- Year
- Rating
- Release Date
- Runtime
- Genre

- Actors
- Oscars Won
- Awards Won
- Award Nominations
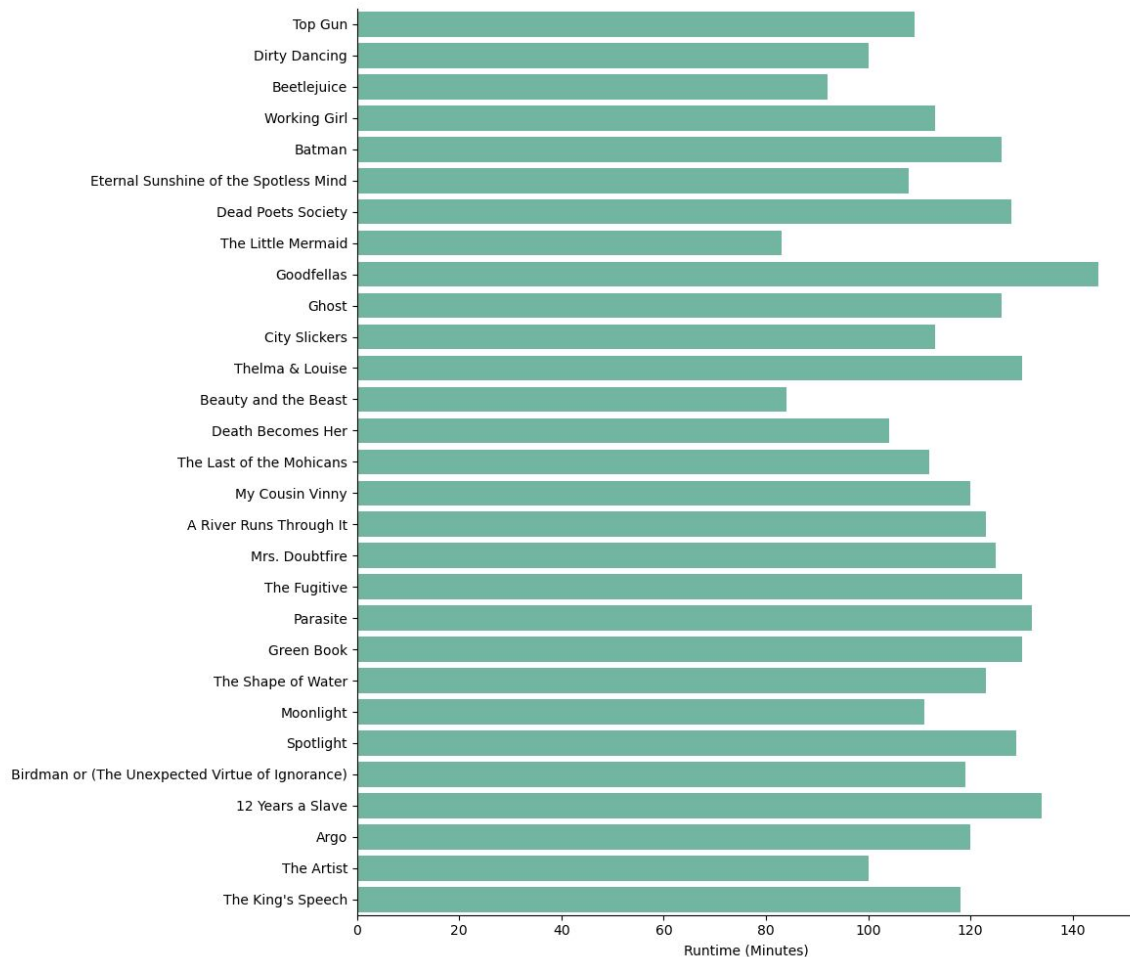- Box Office Earnings

Overview

Each movie in the dataset analyzed has won at least one Oscar. The release dates for the movies span from the 1980s to the late 2010s, though there is a lack of representation of the early 2000s.

Movie runtimes, box office earnings, and award nominations were reviewed in the search of correlation between different data points.
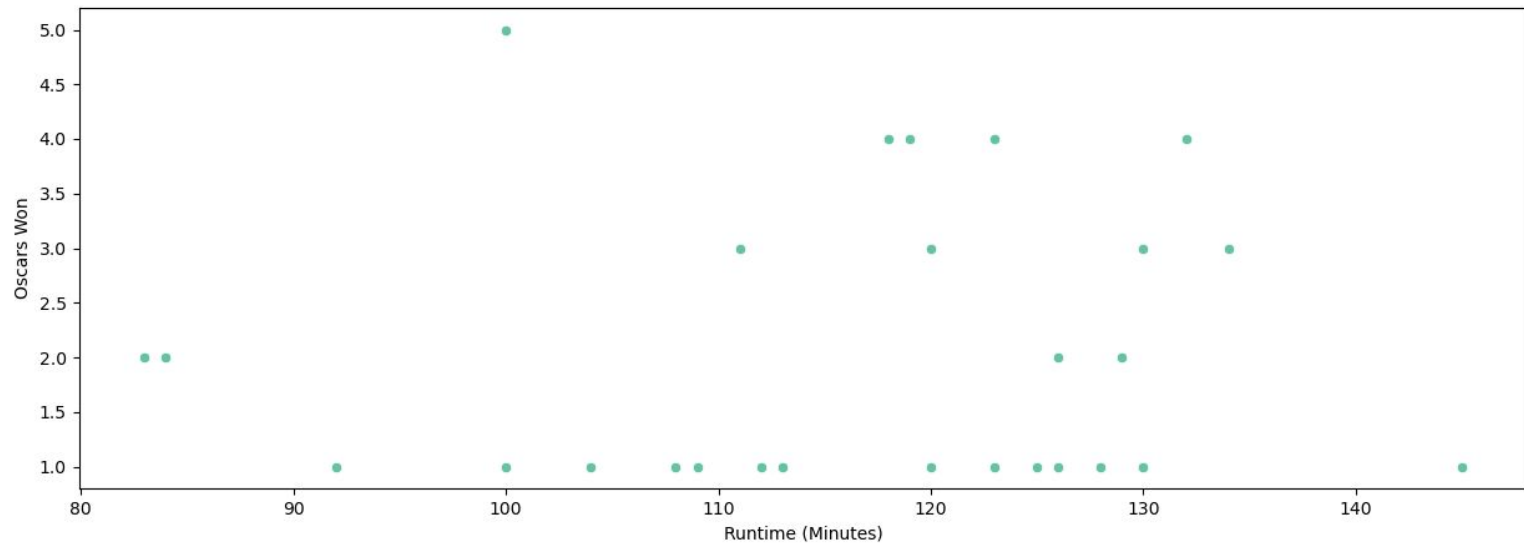
In all, I found there is not really any correlation between any of the data points compared. It seems when it comes to predicting an Oscar win, movie runtime and box office earnings won't be any help.

Movie Runtimes

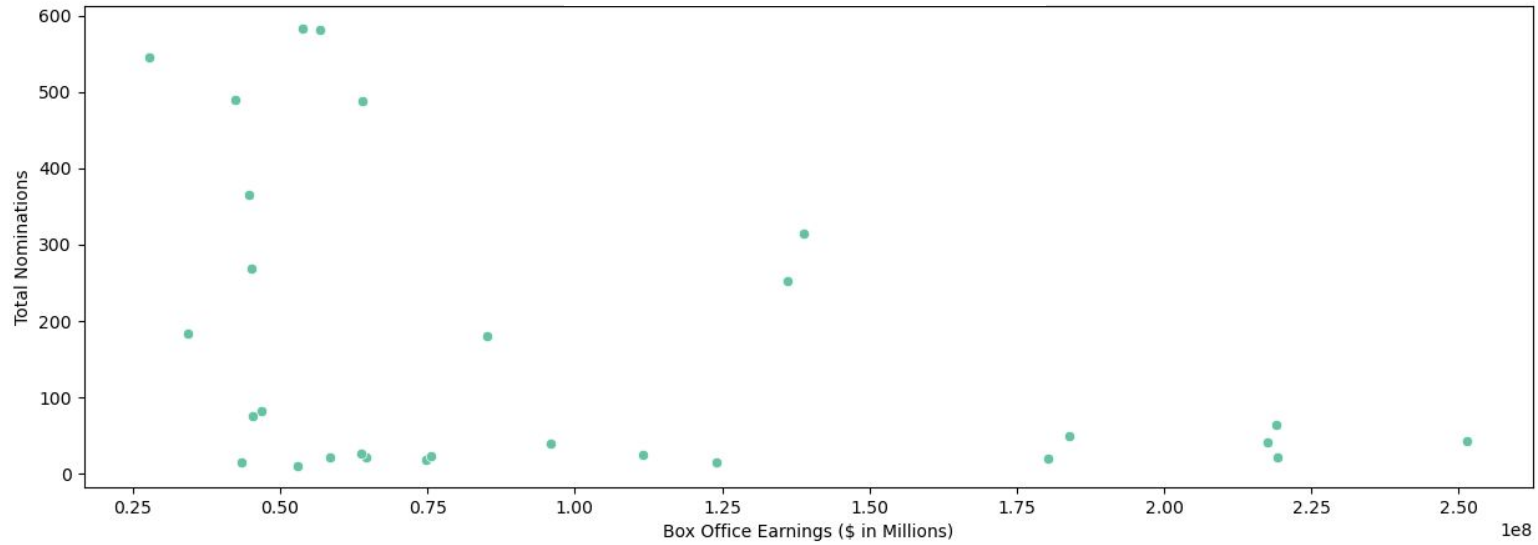For these Oscar winning movies, runtimes span from around 90 - 150 minutes.

Oscar Wins vs. Runtime

Longer isn't always better…

… and money isn't everything.

Conclusion

Oscar wins don't come from longer run times, and box office success doesn't automatically mean award nominations.

There are many interesting data points to compare when analyzing the data for Oscar winning movies, including these that I plan to explore more:

- How runtimes have changed over time
- How Genre plays into award nominations (and wins)
- Which actors repeatedly show up in Oscar winners