



# Predicting Metacritic Scores of Early Oscar Contenders

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# Introduction

- Every year right after awards season ends media publications began to predict what will be a nominee in the year to come.
- Predict what the metacritic score will be for these films

The image is a Metacritic score card for the movie 'Once Upon a Time ... in Hollywood' from 2019. It has a black background with white text. The title is at the top. Below it, the Metacritic logo is visible, along with the text 'METAScore 83', 'Universal acclaim', 'based on 62 Critic Reviews', and a 'See All' link. A green box with the number '83' is on the right.

Once Upon a Time ... in Hollywood 2019

METAScore ⓘ

Universal acclaim  
based on 62 Critic Reviews  
[See All](#)

metacritic  
MUST-SEE  
83

# Methodology

- **Data**

IMDB Awards and title pages

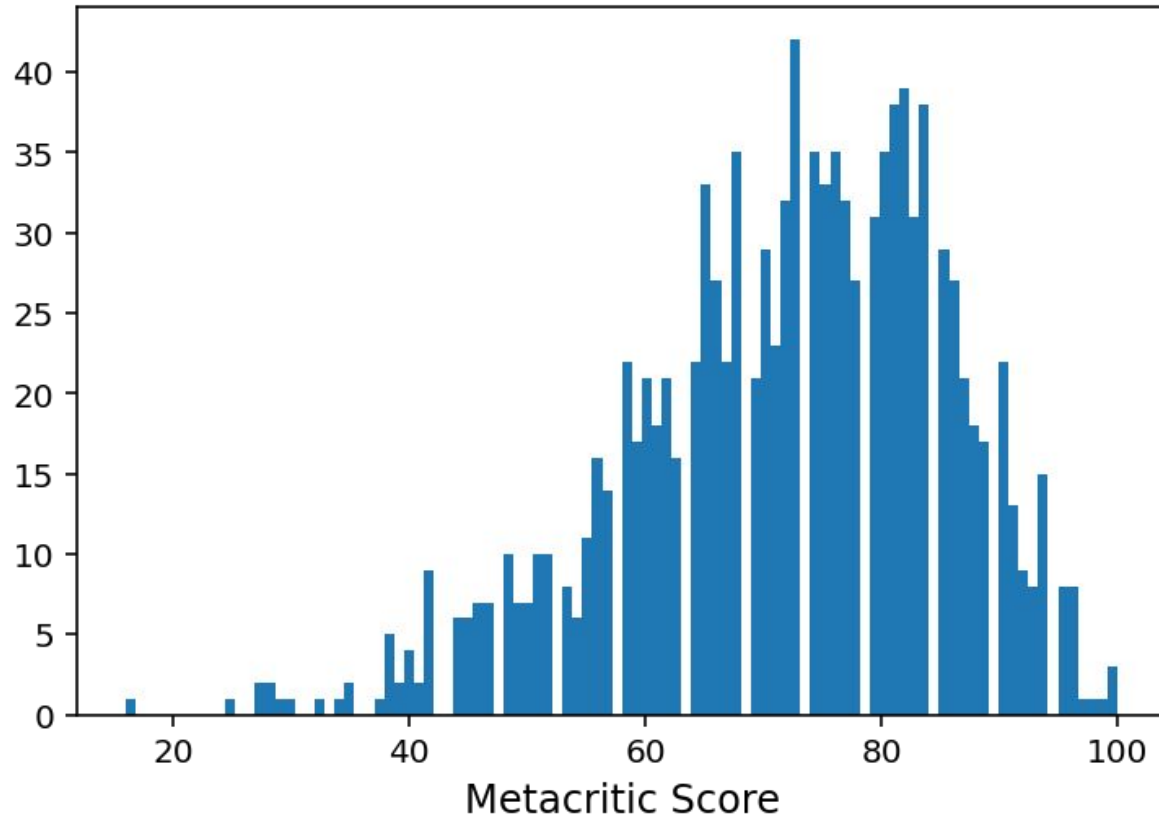
- **Timeline**

Focused on the years 1980-2020 to decrease the nostalgia factor in the metacritic scores.

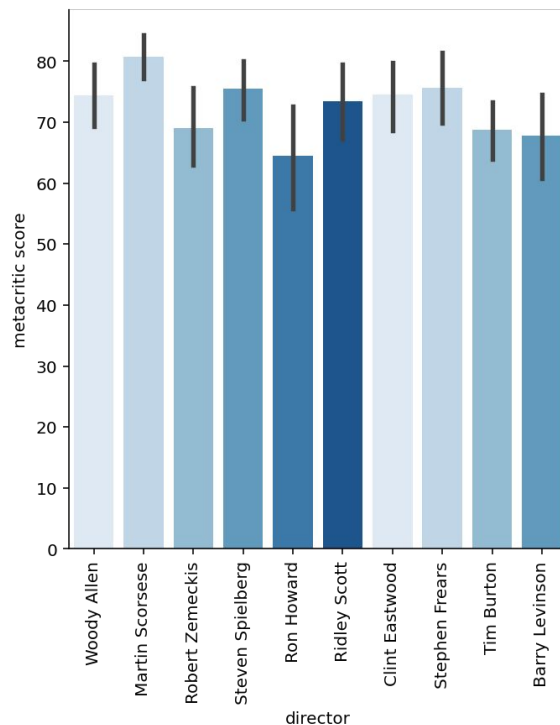
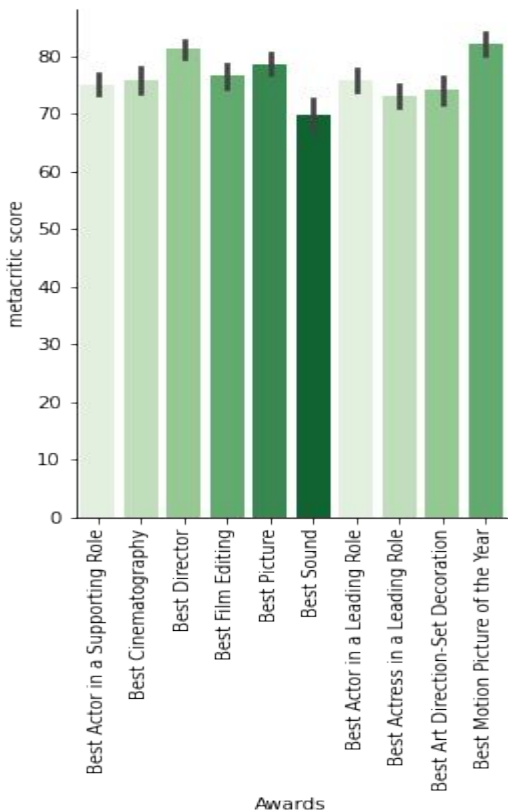
- **Target**

Metacritic scores of Oscar nominated films

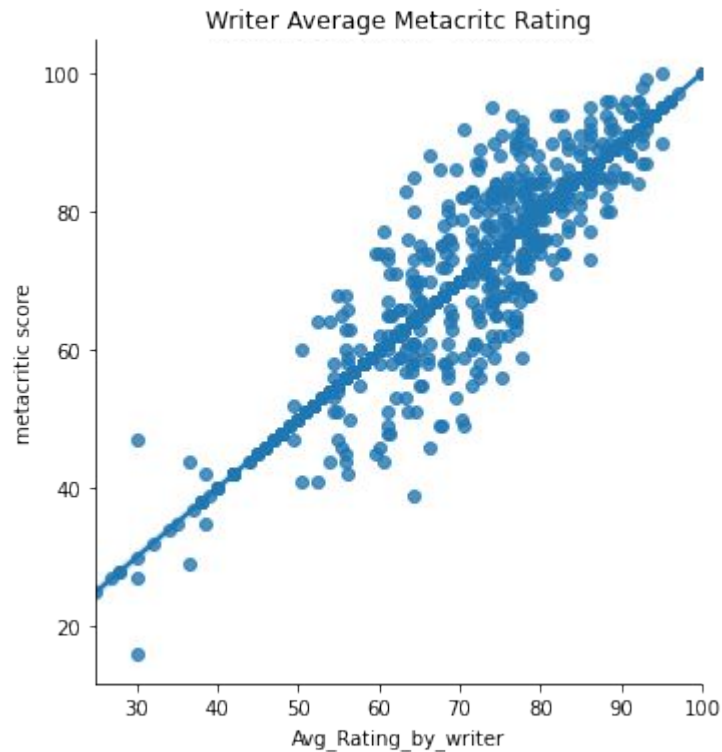
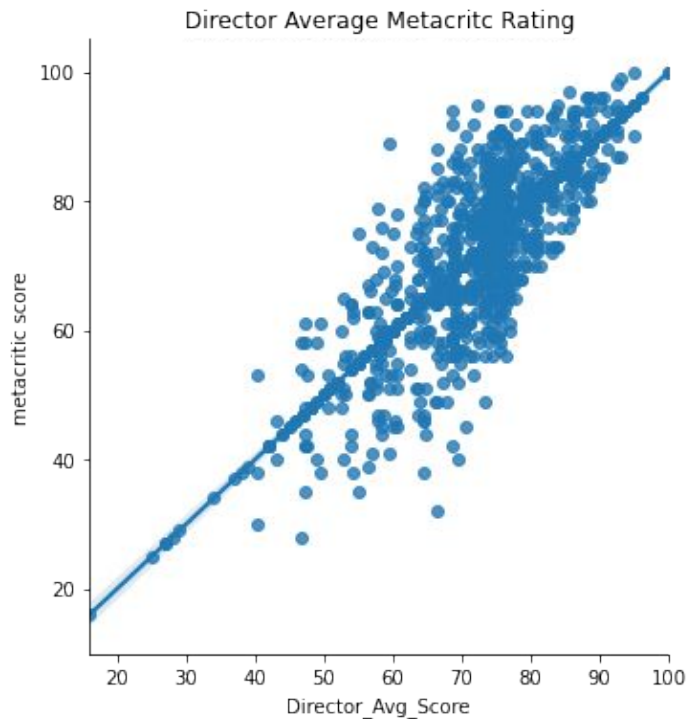
# Metacritic score distribution



# Explore New Features

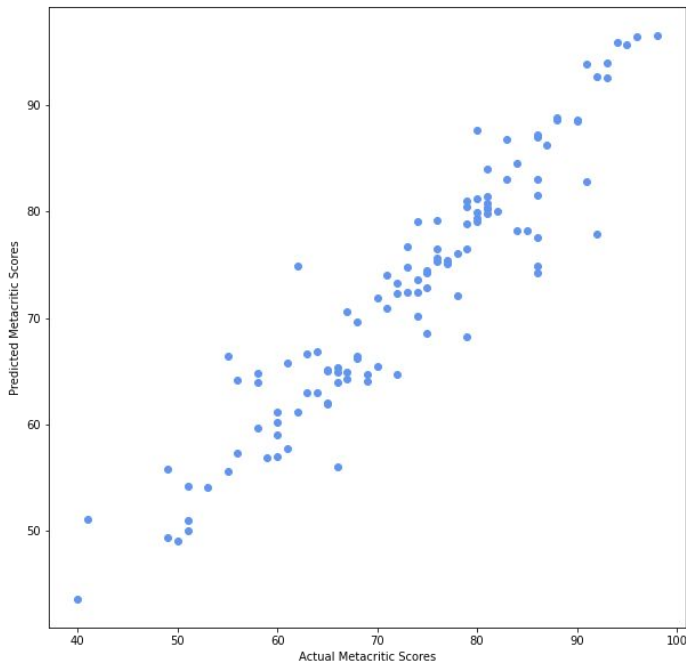


# Final Features Plots



# Results

## Findings



$R^2 = 88\%$

RME = 4.25

- Directors ,writers , and lead actors average metacritic scores plays a large role in predicting the score of the next film they are involved in.
- The Best Picture has the most relationship to the metacritic scores

# Future Work

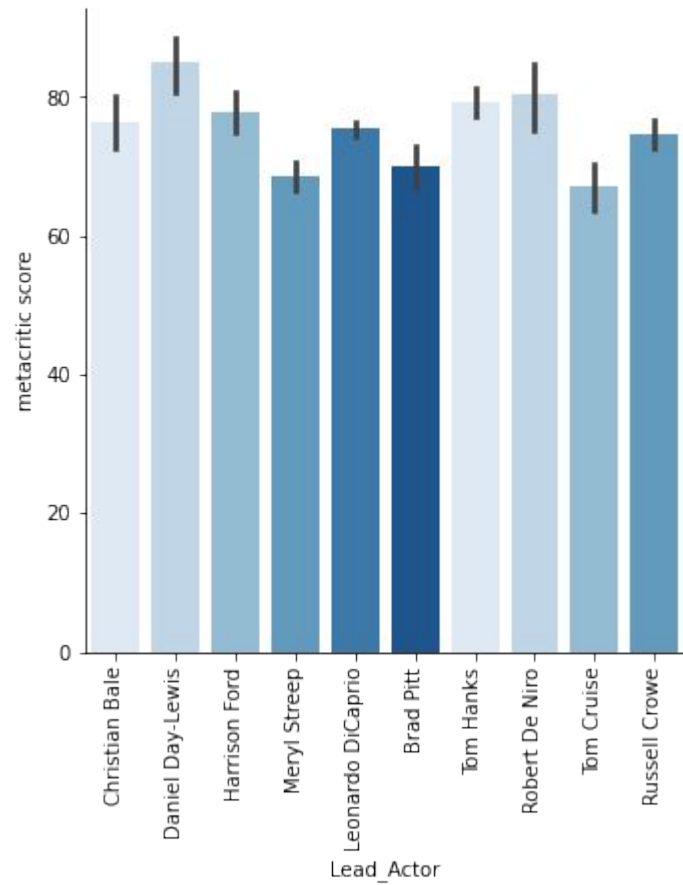
- Pull in more continuous data
  - Directors(Actors,etc) average score for both movies nominated and not
  - How many films they have in there catalog and its success





Questions?

# Appendix



# Final Residuals Plot

