

PROJECT PROPOSAL:

WHAT MOVIE WILL WIN 2019 BEST PICTURE OSCAR?

Group Members:

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Questions:

- Effect of Budget on likelihood to win best picture
- Effect of Box Office Performance on likelihood to win best picture
- Effect of IMBD rating on likelihood to win best picture
- Effect of Cast Nominations on likelihood to win best picture
- Effect of Production Company on likelihood to win best picture
- Effect of Genre on likelihood to win best picture
- Perform multivariable logistic regression to figure out weight of factors above on likelihood to win best picture.
- Predict what movie will win the 2019 Best Picture award out of top 10 contender movie list for best picture.

Data Sources:

OMBD API

TMBD API

CSV for Oscar winners from 1927-2017

Kaggle Movie Dataset

Spotify (Movie music score analysis)