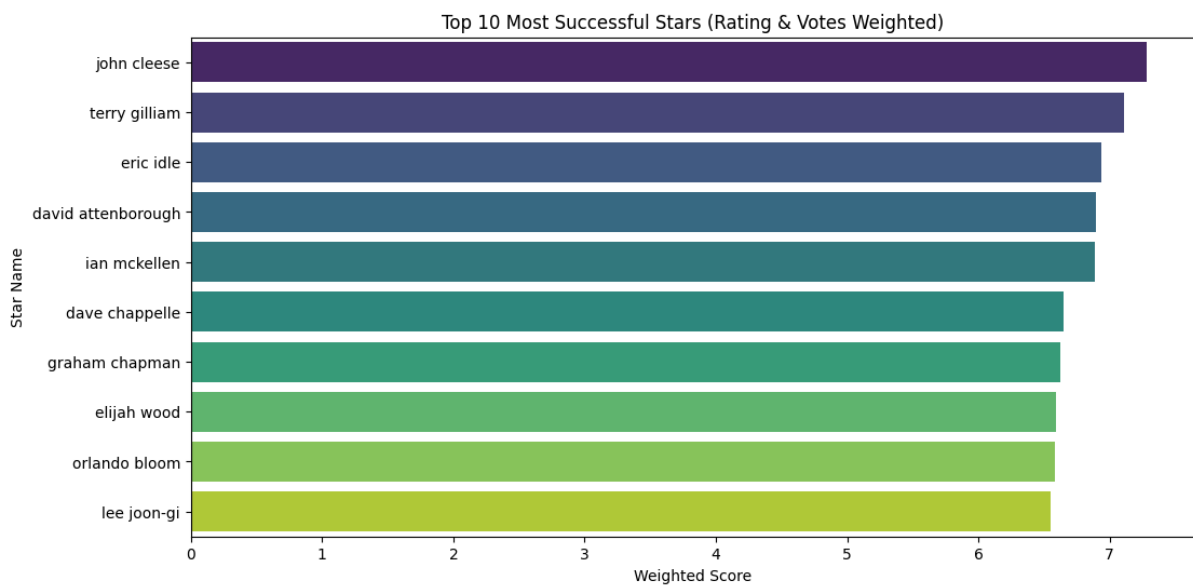
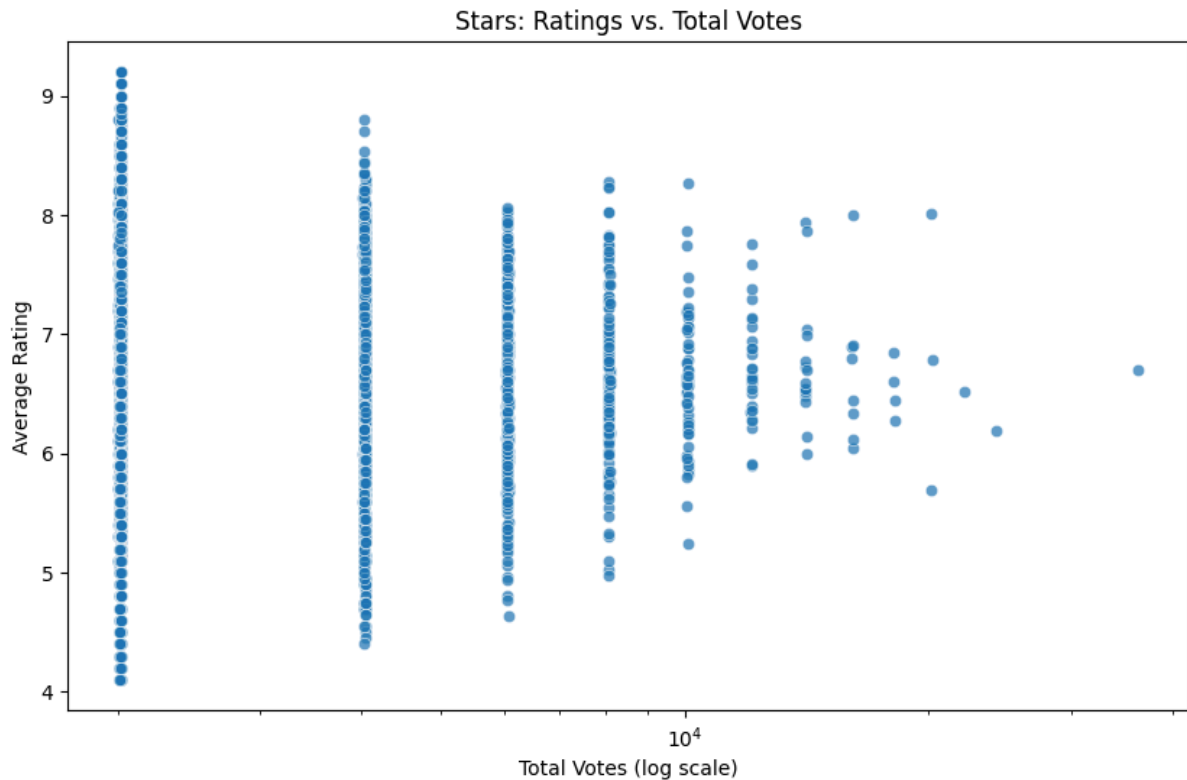


# Multivariate analysis

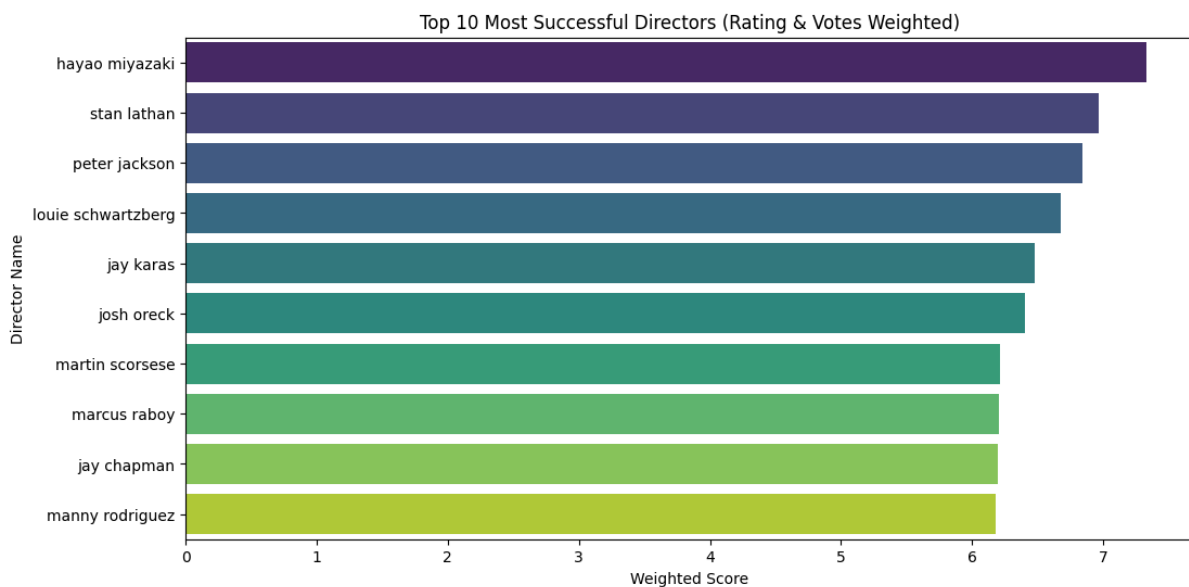
1) Ranking Successful stars based on the ratings of their movies normalized by the votes their movies have recieved



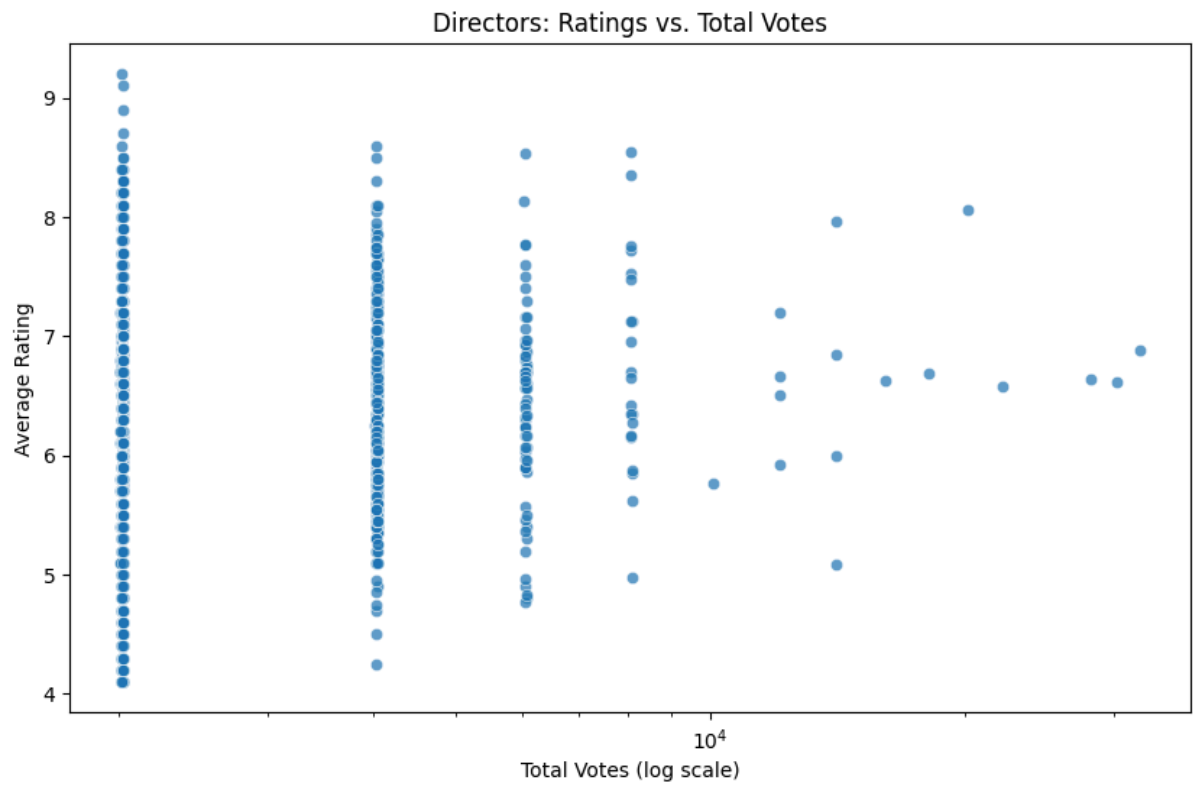
2) Scatter plot of ratings vs. votes per star



3) Ranking Successful Directors based on the ratings of their movies normalized by the votes their movies have recieved



4) Scatter plot of ratings vs. votes per director



5) Heatmap to show correlations between rating, votes, and runtime

