Sarick Shah

Project 2 MVP

Residual Plot when looking at the number of theaters a movie was in after 4 weeks, the ranking the movie had after 4 weeks and the budget of the movie in order to predict domestic sales. I am still working on my percent change feature and will incorporate that as well as some classification features such as rating etc. I just looked at 100 movies from my dataset though I have many more than that for the final project. I just selected the top 100 highest budget movies for this quick MVP and after linear regression, I got a high adjusted r2 of .9. I believe this number will drop drastically when I increase the number of movies I analyze. The residual plot is included below.