MVP

Data was able to be successfully scraped from 16k + game pages. Of these pages, 5k+ contains total number of reviews. Using only these pages, I created a preliminary data frame with only the numeric features scraped: if the game has been on sale (1 being yes 0 being no), the original price for the game, the number of user-assigned descriptive tags, and the numbers of genres associated with the game. Using both sklearn and stats models, I fit this into a linear regression model. Both r sqared values match which is a great sanity check. Unfortunately the score is only .03. Checking the heatmap and pair plot also shows that, without the categorical data or other feature engineering, there are no strong correlations with our target and our features. There are several more features of categorical nature that are will be included in the final model which should improve it. In the next couple of days complexity and regularization will be added to help improve the model.

