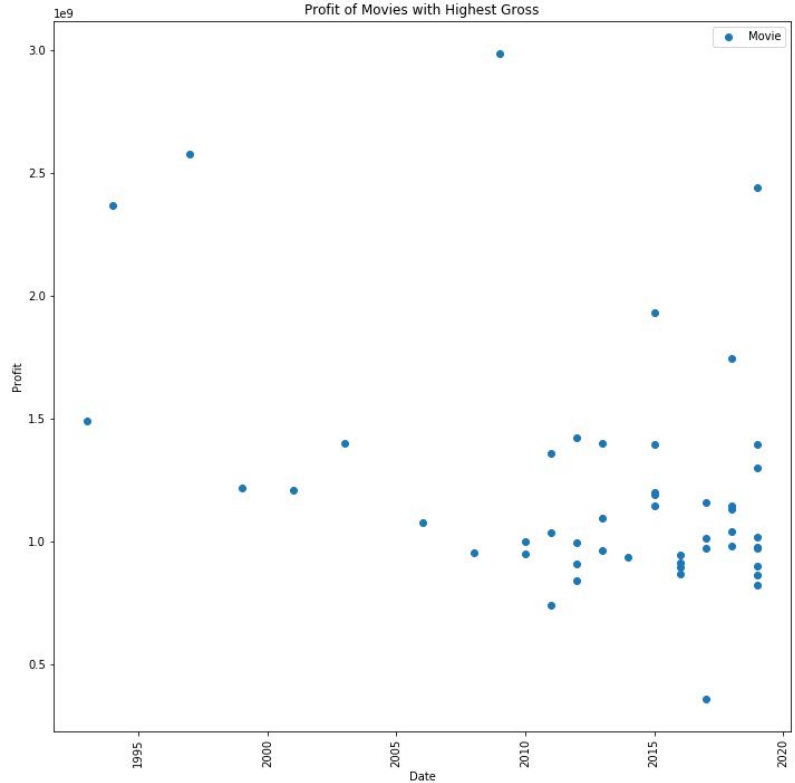# Project 1

This project collects data from wikipedia about highest gross profiting and most award winning movies. It determines what percentage of various movie genres has been used, the movie financial summary statistics over time, the count and frequency of the words in the movie descriptions, and conducts a correlation test to determine whether a relationship between the amount of awards a movie has won and its gross profit is apparent.

Project 1 will determine what movie to make for grossing profit and winning awards.
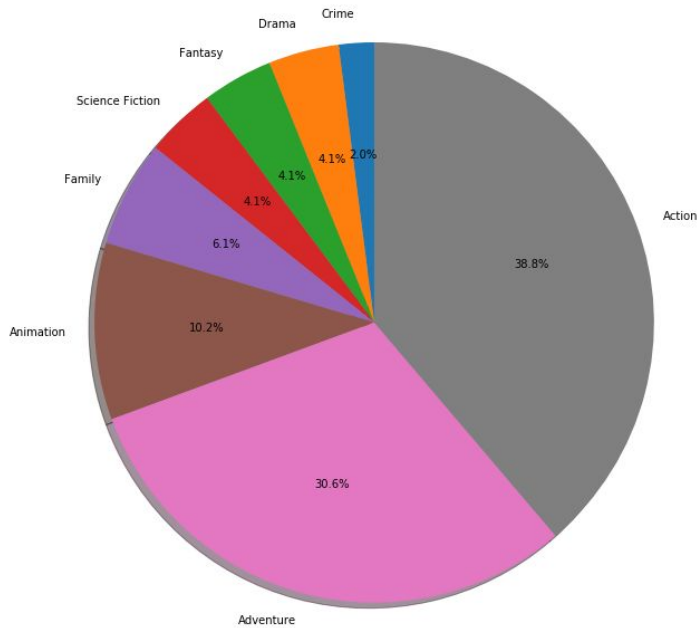
Highest Gross Profit

Most highest gross profit movies

have occured in past decade

Profit of Movies with Highest Gross
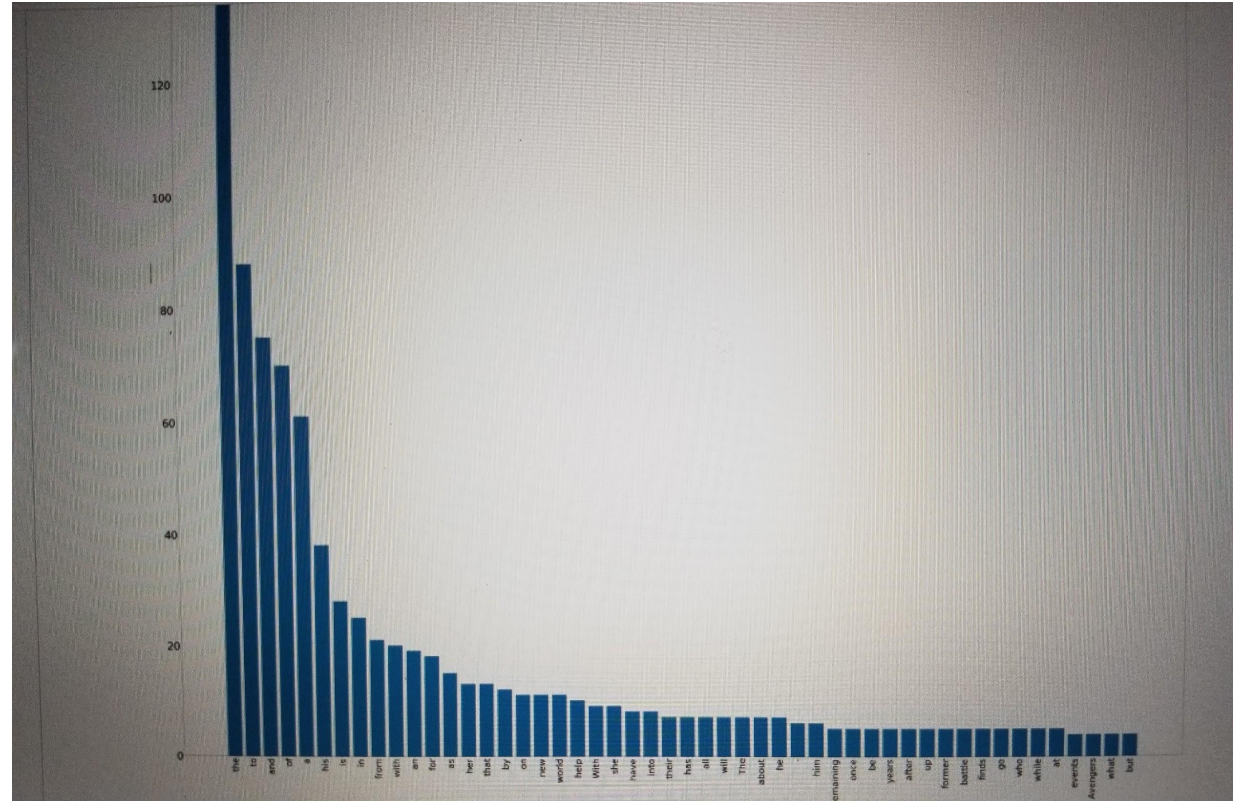
Genres that Grossed Most Profit
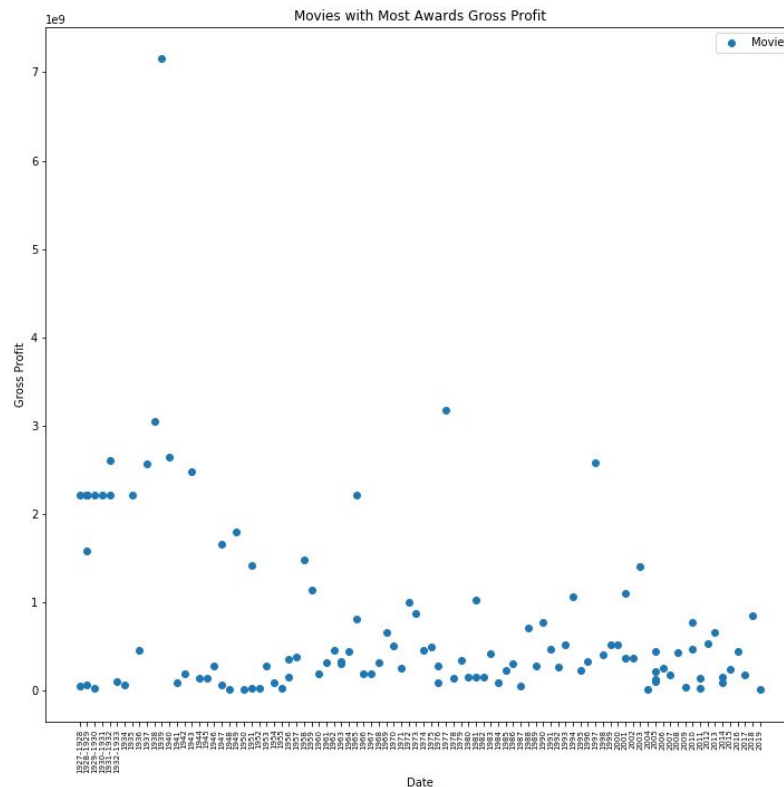
Action: 38.8%

Adventure: 30.6%

Significant frequent words from Description
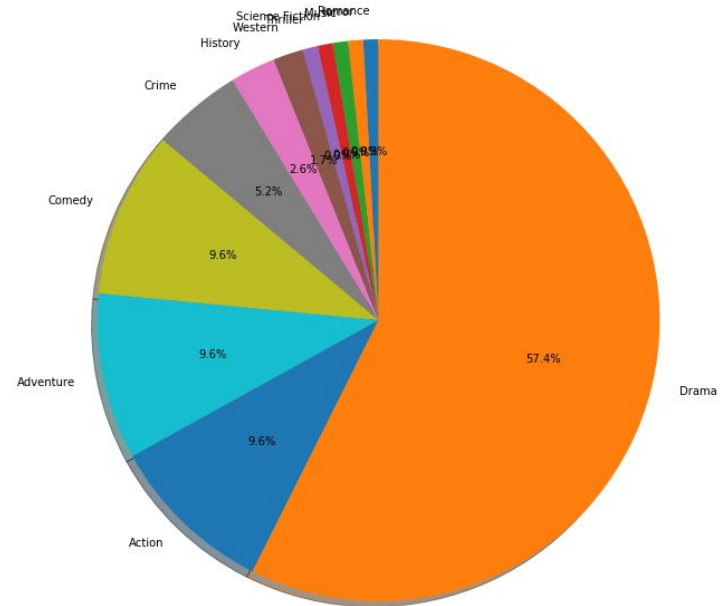
Help and World
appeared about
1% each

Most Awards Gross Profit

Gone with the Wind is a drama that grossed the most profit, inflation adjusted, in cinema history
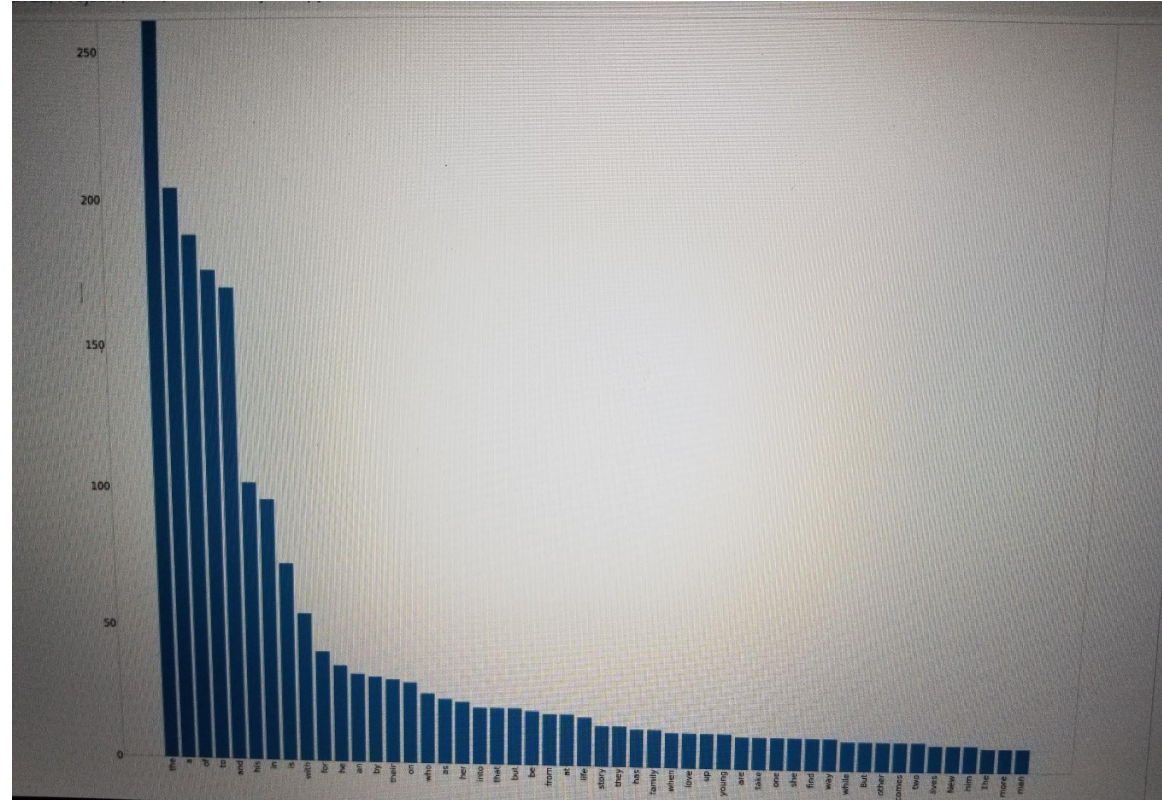

Movies with Most Awards Gross Profit

Genres that Won Most Awards

Drama: 57.4%

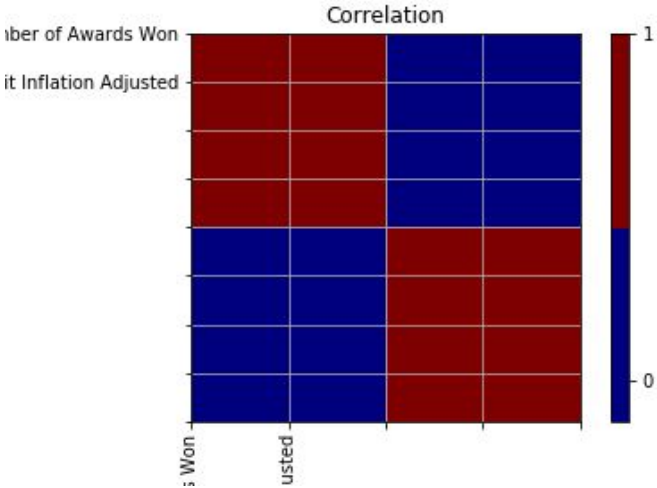# Significant frequent words from Description

Family and Love appeared about 1% each

Correlation between Awards Won and Gross Profit

Correlation
Coefficient: -.12

Correlation Matrix	Number of Awards Won	Gross Profit
Number of Awards Won	1	-.12
Gross Profit	-.12	1

No correlation

(technically a slight
negative correlation)

What Movie to Make

There is no apparent correlation between movie awards and gross profit. The most used genres were drama, action, and adventure. The most frequent significant words from the movie descriptions were family, love, help, and world. An ideal movie for high gross profit is an action adventure that helps the world, while, to get the most awards, a drama about love and family.

Future Work

Will be conducting further studies to determine what makes a high valued movie.

Thank you