

1. List who will work on this project with you
 - Just me
2. what the project will be
 - Gathering data from IMDB for certain movies, this will be approximately 1,700 movies, with each movie gathered from rotten tomatoes top 100 titles for each genre (rotten tomatoes has no web scraping restrictions)
 - For each movie I can search them on IMDB, which doesn't have a crawl-delay requirement for python and allows a search for movies. After selecting each movie I will add to the data the director, writers, stars, Metascore, plot keywords, release date, budget, opening weekend, and gross, which can be found for each movie with a quick search for each word on the page source code
3. questions you will try to answer
 - Is there a correlation between release date and plot keywords?
 - Is there a correlation between movie budget and the gross profit/opening weekend?
 - Do the directors/actors have any correlation to the gross profit of a movie?
4. data sets you will use to try to answer the questions.
 - I will want to make a set of movie titles, gathered from <https://www.rottentomatoes.com/top/> and selecting the top 100 titles for each genre
 - Information on each movie, i.e. the director, writers, stars, Metascore, plot keywords, release date, budget, opening weekend, and gross
5. techniques you think you will use
 - I will use beautiful soup to scrape from IMDB, I will use the BeautifulSoup.find() method to find variables for each movie and I will search in the IMDB search bar for each movie using selenium webdriver and entering each movie title from the movie titles scraped from rotten tomatoes for the top 100 movies per genre, by clicking on each genre and using BeautifulSoup.find_all() to make a list of movie titles
6. metrics you expect to use to decide how good your answers are
 - To determine how well a movie does I will look at the metascores given by IMDB, the gross profit made, and the opening weekend profit made, and the ratio of the gross profit made to the budget of the movie
7. How you will divide the work among the different team members
 - I will be doing all the work for this project