**Brainstorm**

**Idea 1 (Passed: Too Advanced)**

Title: Does Wall Street Bets really have the power to move markets? Evidence from a linear regression analysis.

* Regress the stock’s price on how many times it has been mentioned on r/wsb
  + Mentions only counted within the time frame of interest. E.g., if NIO moved 100% from Jan 1, 2021 to Feb 1,2021, then we only count the number of mentions within that time frame
* Control variables
  + Market sentiment (measured by the percentage movement by S&P futures before market open)
  + Volume of previous day
  + S&P movement of previous day
  + Rocket emoji count
  + Comments on the post
  + Whether it’s a DD or not
* Methodology
  + Our explained variable (y) will be the percentage movement of the stock
  + Our explanatory variable (x) will be the number of times the stock has mentioned in the day prior. As an example, if it is Monday, and GME has been mentioned 100 times, we will use this count to try to explain the movement of the stock on Tuesday – analyzing the impact of wsb discussion on a particular stock

Data set:

* <https://www.kaggle.com/gpreda/reddit-wallstreetsbets-posts>
* <https://www.kaggle.com/borismarjanovic/price-volume-data-for-all-us-stocks-etfs>

Papers:

* Analysis of WSB’s impact on GME, could use this as a starting point to propose my research question <https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3873099>
  + I want to generalize this effect onto any stock that is mentioned on wsb, not just one stock

**Idea 2 (Passed, even more advanced)**

Predicting Apple’s stock price movement post-earnings call, controlling for put-call ratio of options contracts expiring the closest to the earnings call, 20 day moving average of CBOE volatility index

**Idea 4 (Easiest)**

**Title**

Does vaccination prevent further covid-19 cases? Evidence from a linear regression analysis in a Canadian perspective.

**Methodology**

Regress number of cases on vaccination rates per