Team Red Pandas - WallStreetBets Tracker
ITSC 3155 Final Project Proposal

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Introduction

Some people who are new to the stock market and are not sure of what stocks to invest in can lose a lot of money in the process because of poor investment decisions. Although short-term investments are often the most risky compared to long-term investments, there is still the possibility to take advantage of certain market phenomena. As seen during January 2021, the wallstreetbets subreddit has a strong ability to inflate the price of stocks in their discussions, and knowing about this early in the rise could help someone have a huge return on investment as long as they get out before the price of the stock drops again. An app that lets someone see what the currently trending stocks in wallstreetbets are could help the person jump in on a "moonshot" early on then sell their position when they think prices are high and starting to go back down.

Product Vision

For anyone interested in taking advantage of bullish stock behavior caused by mass discussions on reddit, WallStreetBets Tracker is a web app that analyzes reddit posts to find trends in different stocks, allowing users to take advantage of stock price increases due to mass market activity. Unlike Yahoo Finance or other market-viewing tools that leave all of the judgement to the user, our product allows users to view trends in "hype" around various stocks that have previously led to large increases in stock price.

Customer Description

- Anyone interested in individual investment in the stock market
- People who want to take advantage of the hype waves that can happen because of wallstreetbets posts and don't mind the risk

Project Scope and Objectives

Define the scope of the project and the objectives (features) to be satisfied by this project.
- View trends in stocks mentioned over time across r/wallstreetbets posts
- View currently hyped stocks so users can choose to open a position early on in the potential wave created by exponential discussion.
- Find trends in stocks mentioned with specific phrases

Project Resources

Group Members

1. Jonathan Mendenhall
2. Daniel Tyree
3. Charlotte Hill
4. Ian Zheng

Data

https://www.kaggle.com/gpreda/reddit-wallstreetsbets-posts

A capture of all posts on the wallstreetbets subreddit with the content of the posts, when they were posted, and a score for the post (number of upvotes).