

yourfunds

Context

Robinhood users are mostly beginner investors, and the platform offers a poor set of graphs and data insights. Basically, the only graph available is the following, showing the price and volume of a stock over time:



Proposal

I'm going to build a Shiny dashboard for Robinhood users to cover the lack of data insights in the platform. I will provide the following:

- Total money invested up to date
- Total money returned up to date
- Current balance
- Summaries comparing stocks with index markets (S&P500, NASDAQ, DOW)
- Access to financial statements information
- Charts signaling 52 weeks high and low
- Charts showing dates of transactions
- Charts comparing to index markets
- Recommendations for long-term investment
 - stocks/funds that are outperforming the market over different periods of time
- Recommendations for day-trading
 - (maybe) predict an increase or decrease of a stock
 - This feature might not be reliable enough, so it's a 'maybe'
 - This would be done in Python
- Buy/sell feature
 - Manual
 - Robot

Learning expectations

Most of my learning will rely on financial concepts to provide the best insights I can for traders (both long term and short term).

I will also improve my coding skills to scrap data from websites to get data on financial statements. If time allows, I will also learn how to implement Python code for predictions in the Shiny dashboard.

Blog

I will use my [Medium](#) account to publish my work and LinkedIn for my posts.