

Sentivest

Sentivest is a web application that aims to predict stock trends using sentiment analysis from news articles. News APIs are used to fetch articles and sentiment kits alongside some other sanitizing techniques are used to assign positive/negative ratings for a given stock, which correspondingly predicts a buy/sell/hold rating for the given stock. The frontend has a search bar, which allows a user to search by ticker for a given stock, and upon completing the query a stock price graph will be displayed alongside all the relevant news articles, polarity scores, and most common words in the articles. There is also a trending page, which collects the top 5 gainers and losers for the day and displays their corresponding graphs and buy/sell/hold ratings.

For more information, please visit the github at <https://github.com/robbyjuice/sentivest>.