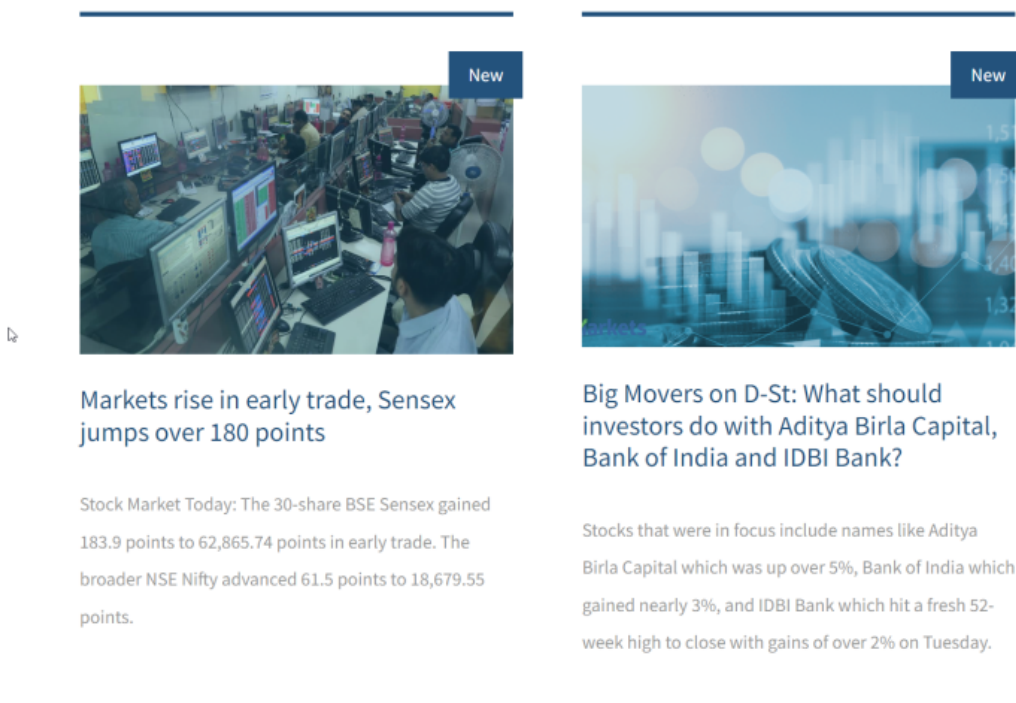
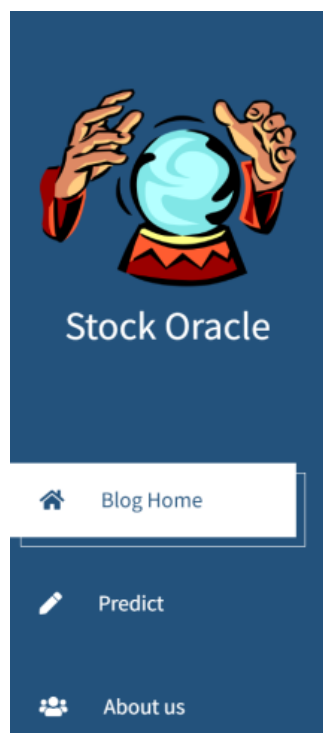


Readme

StockOracle

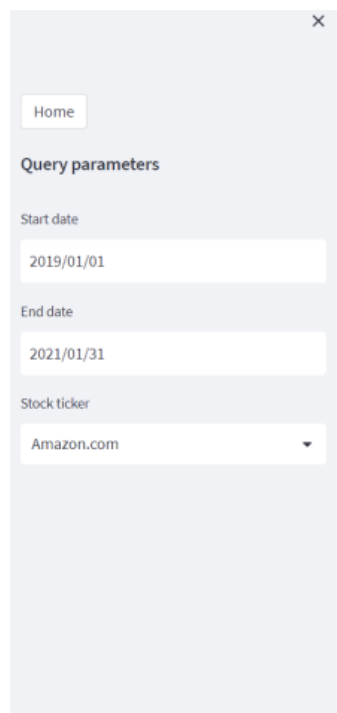
This is an website for stock market news and and live stock status and prediction also sentimetel analysis.

Thew website is divided in two parts first one being the news website made using HTML/CSS , Javascript and news-api



The next part is the prediction page which is made complete in python using streamlit library .

This portion uses Yahoofinance to fetch stock details and fbprophet to analyse and predictict further growth.



Stock Price App

Shown are the stock price data for query companies!



Amazon.com, Inc.

Amazon.com, Inc. engages in the retail sale of consumer products and subscriptions in North America and internationally. The company operates through three segments: North America, International, and Amazon Web Services (AWS). It sells merchandise and content purchased for resale from third-party sellers through physical and online stores. The company also manufactures and sells electronic devices, including Kindle, Fire tablets, Fire TVs, Rings, and Echo and other devices; provides Kindle Direct Publishing, an online service that allows independent authors and publishers to make their books available in the Kindle Store; and develops and produces media content. In addition, it offers programs that enable sellers to sell their products on its websites, as well as its stores; and programs that allow authors, musicians, filmmakers, Twitch streamers, skill and app developers, and others to publish and sell content. Further, the company provides compute, storage, database, analytics, machine learning, and other services, as well as fulfillment, advertising, publishing, and digital content subscriptions. Additionally, it offers Amazon Prime, a membership program, which provides

Home

Query parameters

Start date

2019/01/01

End date

2021/01/31

Stock ticker

Amazon.com

Bollinger Bands



- ☐ Sentiment Analysis - NLP on Twitter: (Observing General Opinion)
- ☐ Forecast for selected interval

Also showcase public sentiments towards company using NLTK VADER for sentimental analysis and twint api for twitter feeds.

Home

Query parameters

Start date

2019/01/01

End date

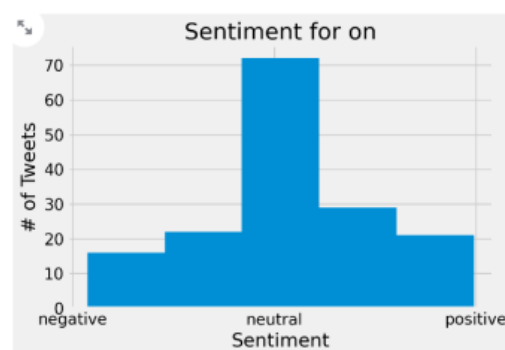
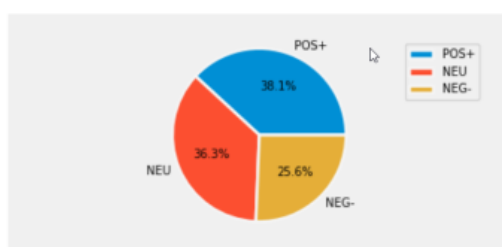
2021/01/31

Stock ticker

Amazon.com

- Determining the stock's future based on people's thoughts and opinions.

200 Most Recent Tweets Regarding Amazon.com



Distribution of the Sentiment scores

(Using SentimentIntensityAnalyzer from NLTK/VADER)

- ☐ Forecast for selected interval

Don't forget to read both readme files from py folder and stock oracle folder for complete installation steps.