



[APEX • DASH]

VISUALIZING STOCKS DATA

APEX PATTERN DEPLOYERS
KINNEY • MENDES • NEVES • PONTEJOS

Business Understanding

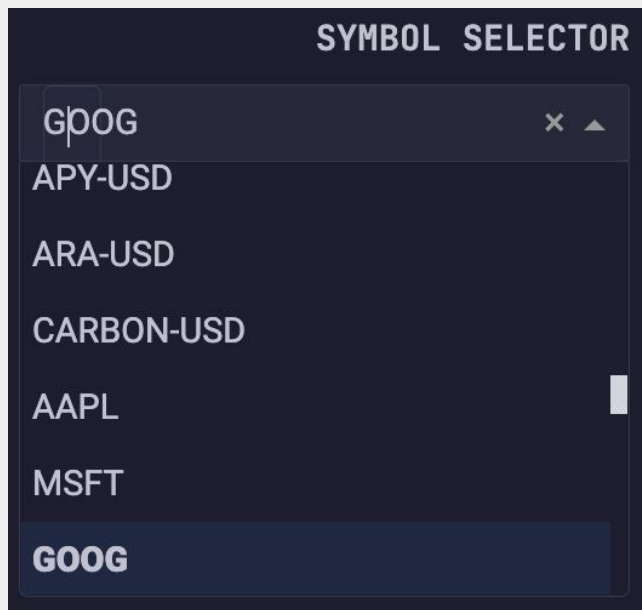
Investments4Some

Dashboard Request

Dashboard Requirements



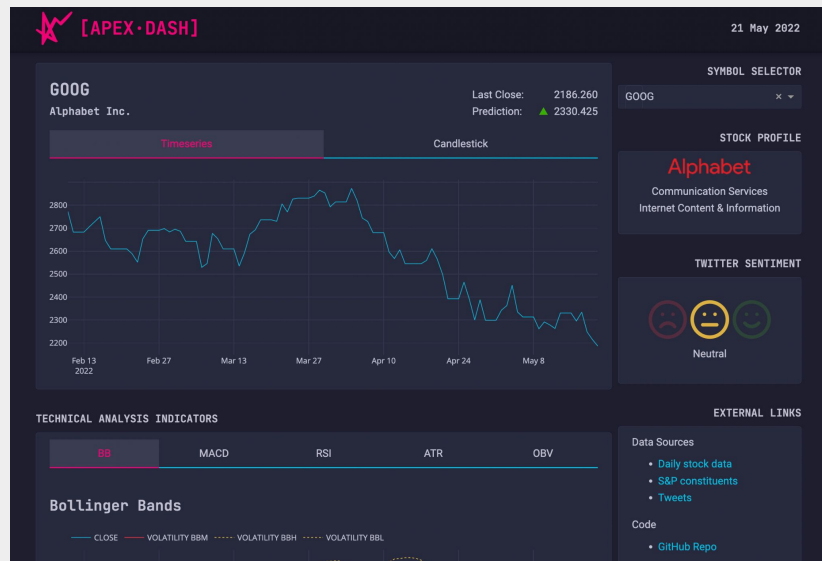
Process Flow



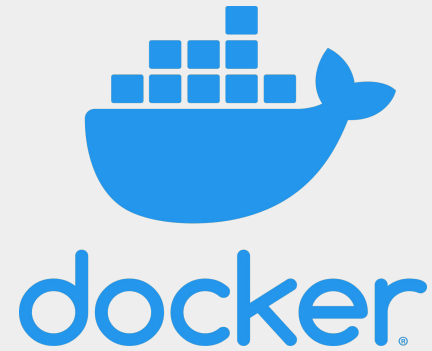
Process Flow

yahoo!
finance

twitter



Deployment



Challenges + Future Direction



[THANK YOU]

<https://fpbc-364437.oa.r.appspot.com/>

Dashboard Screenshots

GOOG

Alphabet Inc.

Last Close: 2127.290

Prediction: ▲ 2344.485

Timeseries

Candlestick



SYMBOL SELECTOR

GOOG



STOCK PROFILE

Alphabet

Communication Services
Internet Content & Information

TWITTER SENTIMENT



3%



89%



9%

Neutral

Timeseries and Candlestick Plots

GOOG

GOOG

Last Close: 2186.260

Prediction: ▲ 2330.425

Timeseries

Candlestick



GOOG

GOOG

Last Close: 2186.260

Prediction: ▲ 2330.425

Timeseries

Candlestick



Technical Analysis Indicators

TECHNICAL ANALYSIS INDICATORS

BB

MACD

RSI

ATR

OBV

Bollinger Bands



TECHNICAL ANALYSIS INDICATORS

BB

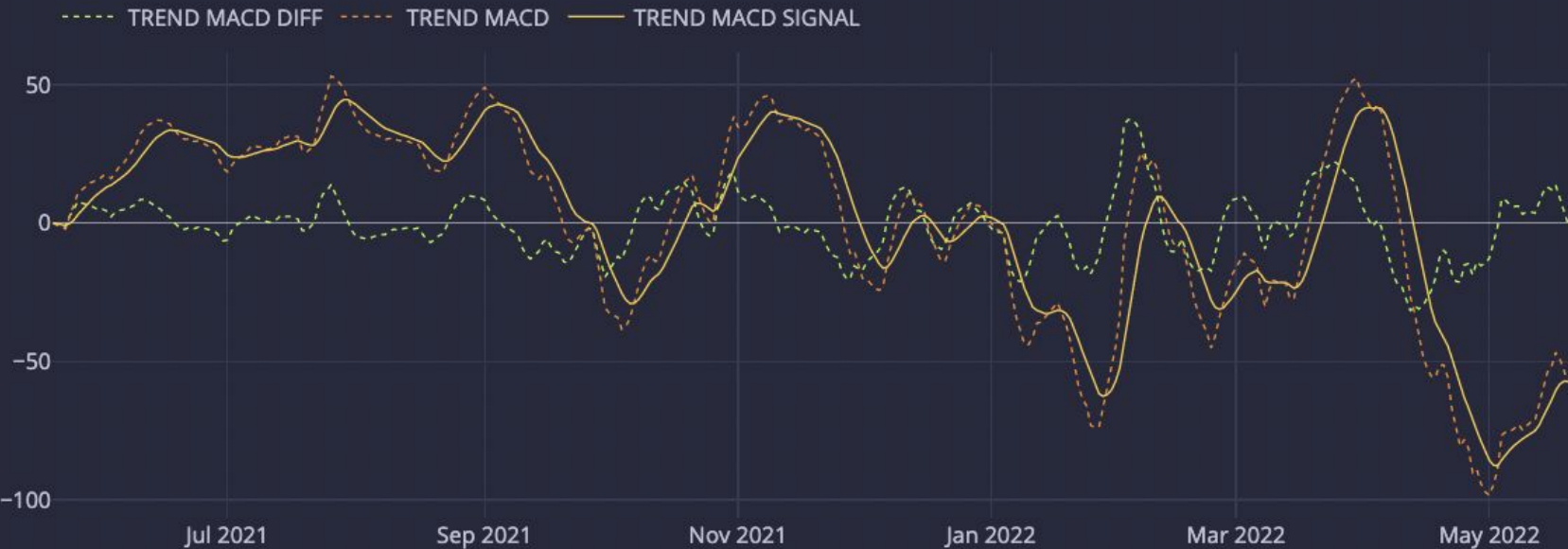
MACD

RSI

ATR

OBV

Moving Average Convergence Divergence



TECHNICAL ANALYSIS INDICATORS

BB

MACD

RSI

ATR

OBV

Momentum: RSI



TECHNICAL ANALYSIS INDICATORS

BB

MACD

RSI

ATR

OBV

Volatility: ATR



TECHNICAL ANALYSIS INDICATORS

BB

MACD

RSI

ATR

OBV

On Balance Volume

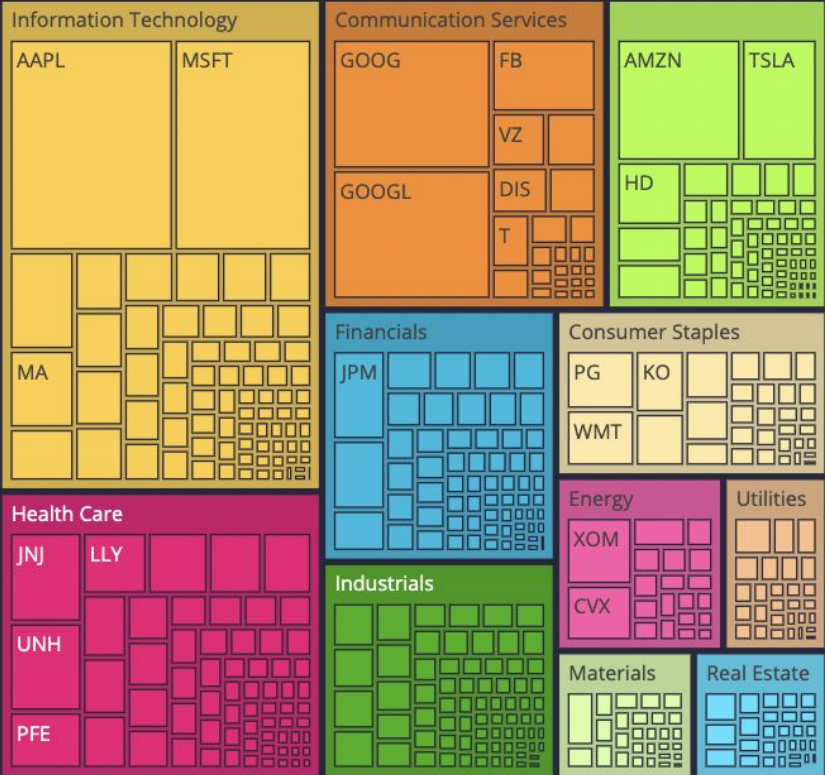


Market Performance

MARKET PERFORMANCE

Market Capitalization

SP500



30-Day Performance of Top 10 Assets



Sidebar Features

SYMBOL SELECTOR

GOOG



STOCK PROFILE

Alphabet

Communication Services
Internet Content & Information

TWITTER SENTIMENT



3%



89%



9%

Neutral

EXTERNAL LINKS

Data Sources

- [Daily stock data](#)
- [S&P constituents](#)
- [Tweets](#)

Code

- [GitHub Repo](#)

THE TEAM

Apex Pattern Deployers



Kinney · Mendes
Neves · Pontejos

*We are not financial advisors and
this is not financial advise.*



APP-VER:
DEVELOPMENT