



Project Roadmap

Proposed by: Tracie B - Apr 1, 2022

WHAT IS THE DESIRED THEME OF THE WEBSITE WE WANT...?
(NEXT SLIDE)



INTRODUCTION	INDUSTRY	API	DATA JSON
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Stock Data Analysis



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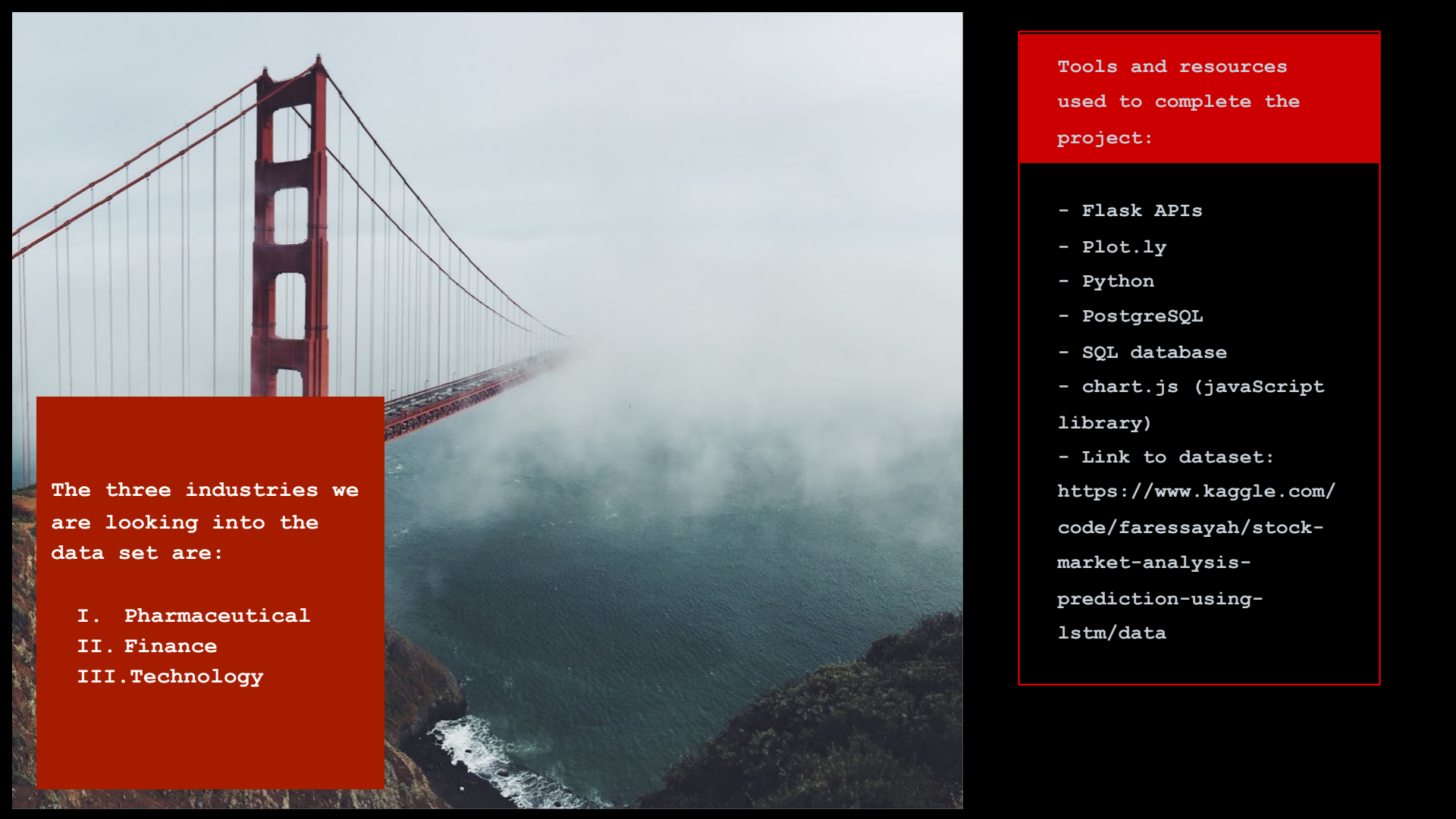
Brandon Jhun

Who we are...

Pandas Consulting Group is hired to deeply dive into a stock market moderate set of data to find the trends of price movements and consult the Board of Investment on what the data is telling about.

The story will be told by interactive visualization website.

The next level of this Project will be: Stock Price Prediction on a specific portfolio and consult the Investors the ROI .

A photograph of the Golden Gate Bridge in San Francisco, viewed from a high angle looking down the length of the bridge towards the foggy horizon. The bridge's red-orange towers and suspension cables are prominent against the grey sky and white fog. The water below is a deep blue-green, and the surrounding cliffs are dark and rocky.

The three industries we
are looking into the
data set are:

- I. Pharmaceutical
- II. Finance
- III. Technology

Tools and resources
used to complete the
project:

- Flask APIs
- Plot.ly
- Python
- PostgreSQL
- SQL database
- chart.js (javaScript
library)
- Link to dataset:
[https://www.kaggle.com/
code/faressayah/stock-
market-analysis-
prediction-using-
lstm/data](https://www.kaggle.com/code/faressayah/stock-market-analysis-prediction-using-lstm/data)



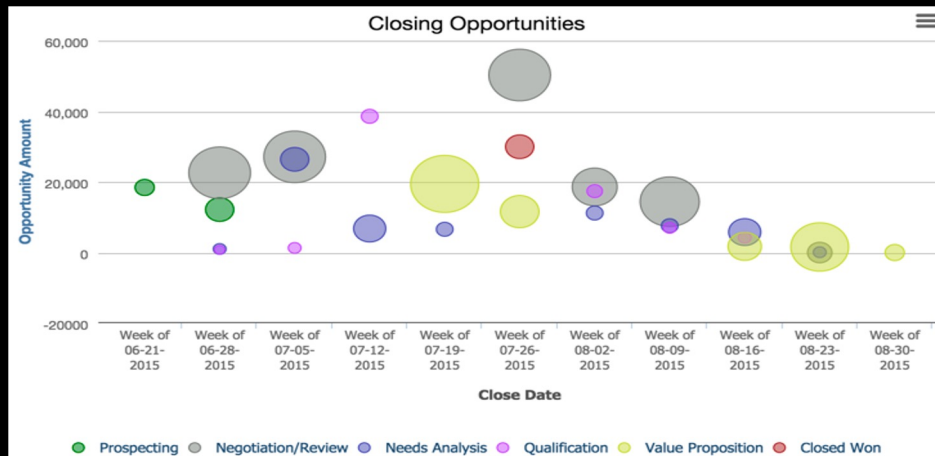
Pharmaceutical
category

ABC:

def:

GHE:

PTZ:



The 5 stocks movements in prices are vary.
Look into the entire industry we can find:

- the upper outlier of Pharmaceutical stock prices is > \$xyz
- the lower outlier is < \$ abc

If we look into the correlation between the trade volumes vs the close price; the r-square is that show a moderate relationship between those two factors.

Project Task list - Timeline

Pls refer to the excel sheet