

A hand holds a white smartphone in the foreground, displaying a trading application with a candlestick chart and a price of 37,019.36. The background shows a blurred laptop screen with financial data, a calculator, a magnifying glass, and a cup of coffee on a desk.

Say hello to Jesse

Automatically trade based on data science not emotion.

Jacob, Tory, Stephen, Ryan, Murthy and Francene

Agenda



Scope and Team



Who and what is Jesse?



An introduction to
Jesse?



The front-end



the back-end



Data



Postmortem and Q&A

Meet the Talent

That Made it Happen



Jacob Grant

Back End



Tory Brown

Back End



Murthy Aduri

Front End



Ryan Felts

Sentiment Analysis



Stephen Boney

Sentiment Analysis



Francene Chadwick

Support &
Presentation



The Real Jesse Livermore

This is the man who started it all, Jesse Livermore who lost several fortunes playing the US stockmarket. He pioneered day-trading in 1880, which is now responsible for 15% of the total volume of the Nasdaq. 60 years later in 1940 he shot himself in a NY hotel.

DON'T BE THIS JESSE...

INSTEAD, Use JESSE, the automatic trading platform that makes trades on your behalf. Trading data is compiled based on data science and technical indicators and analysis.

NOT EMOTION.

The Platform

An Introduction

We developed a machine learning trading bot that uses KPI's, list and sentiment analysis to automate trades.

JESSE sends a trade request to the user and when approved automatically trades via their Webull account.

Scope

User input

JESSE Output

The web app takes user inputs of stock tickers and JESSE narrow's the selection to the 3 top-performing stocks.

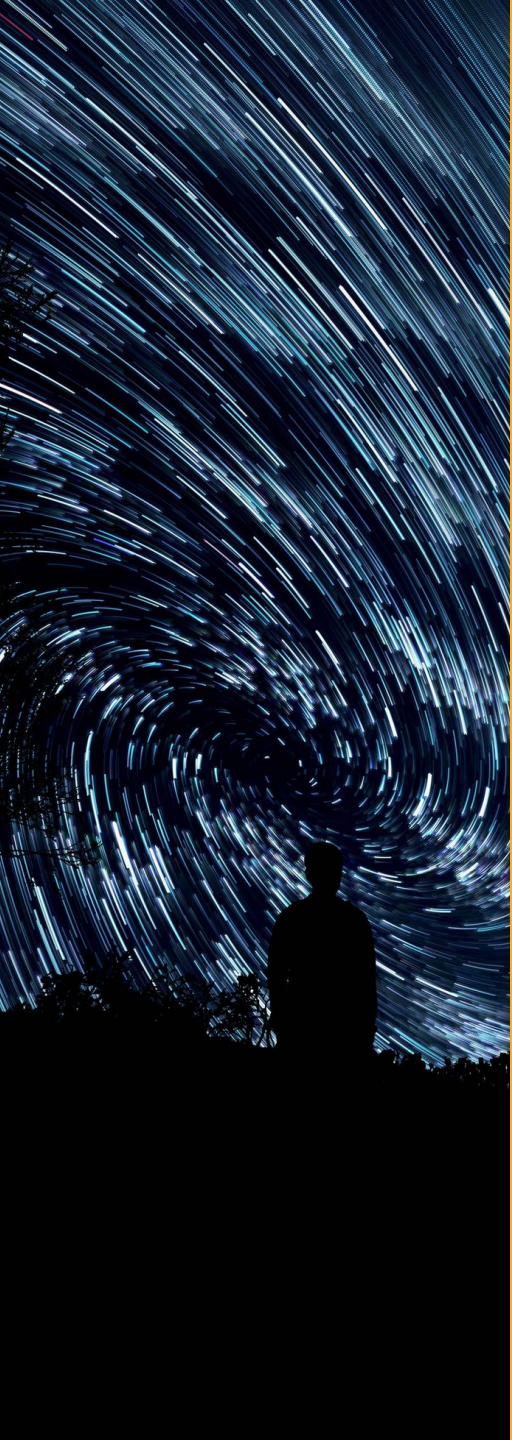
“Depend on the rabbit's foot if you will, but remember it didn't work for the rabbit.”

– R.E. Shay

front-end

Dashboard Demo





SCIKIT-LEARN
CRYPTOCURRENCY
UNCC
TORY
STEPHEN
END
DASHBOARD
PYTHON
FLASK
ETHEREUM
MARKETWATCH
PANDAS
TRANSACTIONS
FRANCENE
MURTHY
REQUESTS
BITCOIN
FINTECH
BTC
SOLIDITY
SQLALCHEMY
ETH
RYAN
KOWSI
JACOB
BACK
STEVE
GANACHE
FORECASTING
FINVIZ
ALPHAVANTAGE
WEBULL
NUMPY
PLOTLY
ETH
DASH
CNBC
VALIDATION
SOLITE
GANACHE



Data

Libraries and Dependencies

- Webull
- sqlalchemy
- python
- Pandas
- flask
- Clickfunnels(Ruby on rails)
- dash
- numpy
- plotly
- requests
- sqlite

Data

Libraries and Dependencies (con't)

- Yahoo Finance
- Alphavantage
- Trading View
- CNBC
- Marketwatch
- Finviz
- CNN
- vader
- newsapi
- Beautiful Soup
- matplotlib
- nltk





We're DONE Son!!

Where are they now?

1

Jacob

Learned to pull data really fast, like really, really, fast and performed the fastest data transmission reaching 179 terabits a second – or 178,000,000 megabits a second. He quit Amazon.

2

Tory

Bought the rights to JESSE from his classmates for \$5 bucks each and refined the platform. He launched it a year later and it was a massive success making him the first Trillionaire. He's play's golf and smokes cigar's with Michael Jordan on the weekends.

3

Ryan

The mathematics whiz went on to become the fastest coder in the world beating Belarus's Gennady Korotkevich's title in 2022. Ryan still thinks it's not big deal.

4

Murthy

After creating India's best food delivery service. Murthy retired from tech and decided to go on a comedy tour with Dave Chapelle, Joe Rogan and Eddie Murphy. He's still hungover and selling out arena's.

5

Stephen

Partnered with Tory and became the world's second Trillionaire. He still hasn't figured out Zoom yet though and still shows to meetings with two screens.

6

Francene

Enjoys watching the magic and trajectory of her classmates lives. She's a continuous learner and still rides the coattails of her classmates.



Any
Questions?