

Potential  
Investors...

# Are you...

- Looking to invest, but don't know where to start?
- Already an investor, looking to diversify?

Shark Tooth

trading



# Our Investment Approach

How much capital are  
you willing to invest?

What level of risk would  
do you want to take?

ALGORITHM

\$

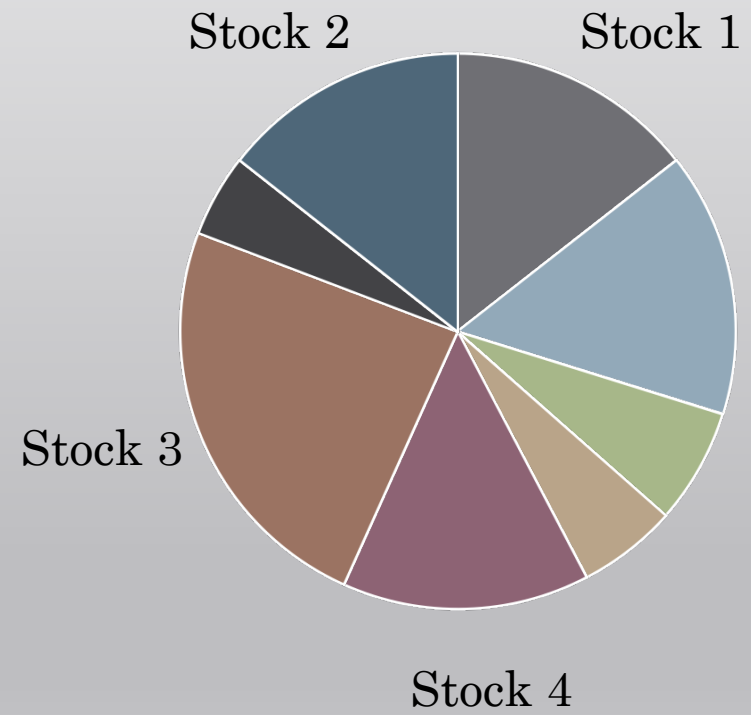


```
graph TD; A[How much capital are you willing to invest?] --> C[ALGORITHM]; B[What level of risk would do you want to take?] --> C; C --> D[$];
```

The diagram illustrates the investment approach. It starts with two input questions: 'How much capital are you willing to invest?' and 'What level of risk would do you want to take?'. These inputs feed into a central blue box labeled 'ALGORITHM'. An arrow points from the 'ALGORITHM' box down to a green dollar sign '\$', representing the final investment outcome.

# Algorithm

NASDAQ 100



# Technical Specs

- Python flask framework
- Heroku Postgres database
- Algorithm running automatically daily with Heroku scheduler

# Future Development

- Current application is proof of concept
  - Are investors happy with their returns?
  - Are users satisfied with the interface?
- Future development would include:
  - Legal ability to initiate trades (partner with stock exchange)
  - Accept capital from investors (link to bank account)

# Overview

- Web-app with **python flask** framework
- Hands-off investing powered by **automated** algorithm
- Two variable **personalization** (invested capital, risk tolerance)
- Algorithm analyzes **NASDAQ 100** stock prices
- User data stored in **Heroku Postgres** database
- **Heroku scheduler** runs algorithm daily