



- a. Currently: internal hedge fund client benchmarks
- 3. Finish applications to the U.S. NSF SBIR grant (\$250K USD) to receive more non-dilutive funding.
- 4. Add an ML-based picking strategy on top of existing systems to help traders make decisions. (Still necessary, maybe less priority?)

## Mentor Suggestion

- 1. Values for adding the machine learning components
- 2. Show that the model beats the internal benchmark

## Decision-Point

- 1. Make a product that is sufficiently low-cost, for a large group of people
  - a. Although charging high-AUM hedge fund client is profitable, it's hard to justify to investors the value this can create on a larger scale.
  - b. Look at the potential interferrance for the technology if this is available to day traders:
    - i. Market impact
- 2. Ask the client to potentially pivot the product into a independent fund

## Critiquer

- 1. Charge a fixed amount of fees such as onboarding fees to cover the hiring needs.
- 2. Priortize onboarding clients
- 3. What's the justification for adding more features, such as the machine learning pipelines for stock picking?
  - a. To decrease risk for the product to ensure that it works
- 4. Start to use Quantum Hardware, do not depend too much on Simulator such as D-Wave.
- 5. Raised a question about potential competitor? FORECAST

## Deliberation

1. John Francis: They were somewhat distracted creating values for the hedge fund, however, did not satisfy some of the objectives that I asked for in the previous sessions.
2. Paul: They hit all the objectives, they have been beating the benchmarks. It may not be the type of the business some of us vision, but it's still a very successful in its
3. John Martinis:
  - a. Great Mentorship
  - b. We will continue to work with them. Their optimization idea is great and can go beyond finance. They understand how to fit problems to quantum computing.
- 4. Timur Davis:
  - a. Will offer more mentorship, especially opportunities connecting with financial institutions