
The Stock Market

— Jack Hatch —

History

Dutch East India Company 1600s

Buttonwood Agreement 1792

The New York Stock Exchange Building 1903

How it works (kind of)

Based on supply and demand

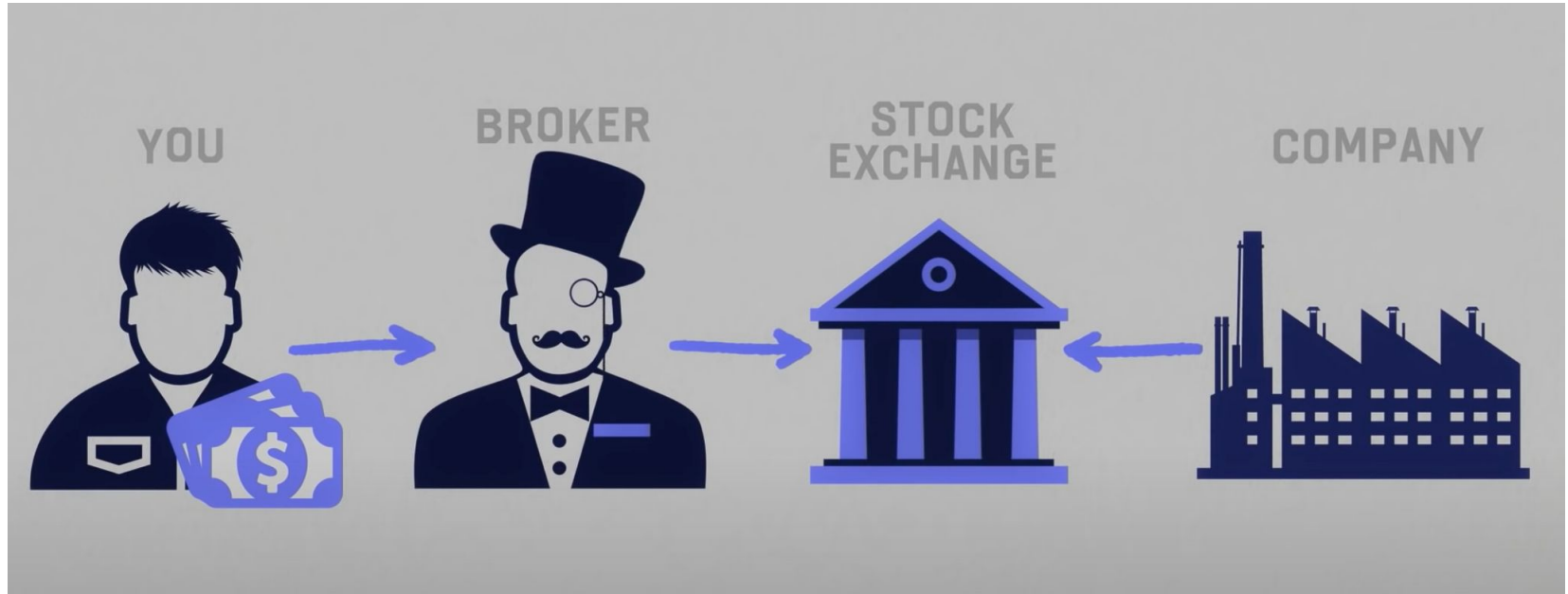
Some technical stuff

Index Funds and ETFs

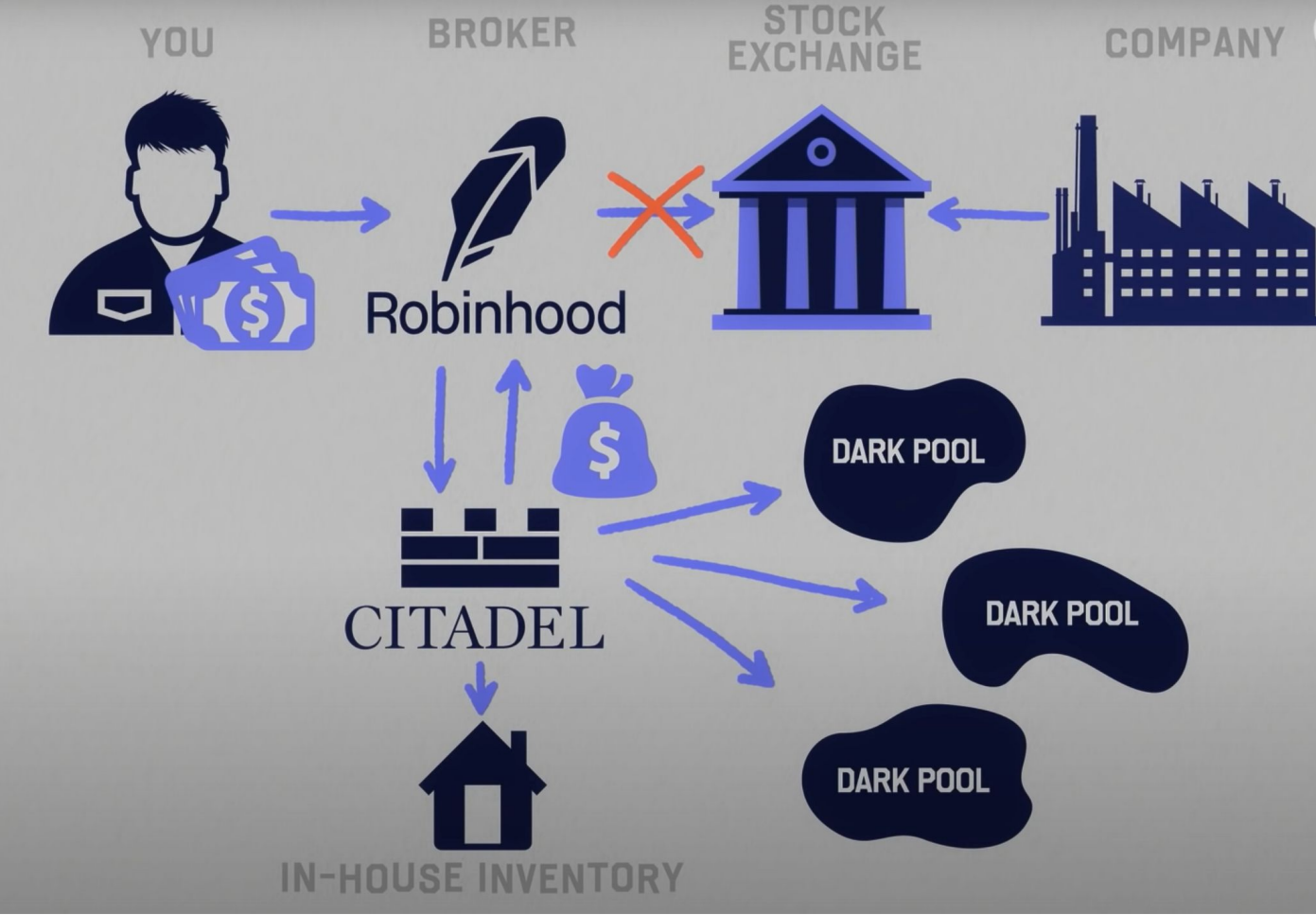
Options

More technical stuff

Evolution







Fibonacci Retracements



Some Math

Lots of math involved in the stock market

Many careers available for mathematicians (specifically probabilists)

Gaussian Laws vs Power Laws

AI/Machine Learning?

Sources

[Use-math-gain-success-stock-trading-11693.html](#)

<https://www.aryaamoney.com/Blogs/stock-market/the-magic-of-math-in-stock-market-trading>

[Algorithmic-trading-maths](#)

[technical-classroom-how-to-use-fibonacci-retracement-levels-in-stock-trading-4150161.html](#)

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[history-of-the-stock-market](#)

[options-basics-tutorial-4583012](#)