

Asset Choice: Equities

Plan:

1) Start with companies with a long and stable historic of performances, large market cap, and low volatility

- Goal: detect anomalies in the market (weekend effect, stock split, price drift, ...) and understand if the model can perform basic predictions
- Potential Stocks: Apple, Microsoft, Google, ...

2) Then continue with companies with long and stable historic of performances, large market cap, but higher volatility

- Goal: Detect more visible anomalies in the market, understand if the model can perform more complex predictions (since higher volatility)
- Potential Stocks: Tesla, Nvidia, Palantir, ... (Energy, Tech, ...)

3) Finally, potentially switch to Futures if algo is trained and validated on equities. Additional features related to futures can be added on top of the stock ones.

Cons of starting with Futures: More complex, might not be able to apply our algo since riskier (expiration dates -> risk to lose money)

TO CONSIDER:

- Foreign Exchange Markets: high liquidity, lots of data, 24/7 markets, famous previous algo existing (Arbitrage), ability to use leverage to scale up trades (useful for us since small capital)