

Sooper Cool Crypto Tool

Arbitrage historical analysis and Opportunity tracker

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- Goals :
 - Analyze historical Data to find periods when the price of same Crypto asset on different exchanges deviate
 - Identify correlation with different variable. Some possible factors to investigate
 - Rate of change (Percent Change) in coin pricing
 - Age of coin. Potentially large arbitrage opportunities could exist in the beginning
 - Social Media conversation
 - Social/Political events
- Status :
 - Core architecture in place. Modular architecture allows easy extension of coins and exchanges. For each new exchange requires a function to create a dataframe based on OHLC. The data needs to be 1minute interval. All cleanup and math done by the core modules in place
 - Supporting 2 coins BTC and ETH on 2 exchanges bitstamp and Gemini
 - Analysis and graphing of Price fluctuation to Arbitrage opportunities

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- Work in Progress :
 - Add more coins and exchanges
 - Real time Tool (bot) to monitor pricing across different platform
 - More analysis on historical data to identify events/factors with positive correlation