

SI 507 - Winter 2018

SI507 Project Proposal

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1 Data Source

I plan to use three Digital Currency Trading Platforms as the data source of my project.

1. Coinbase. <https://developers.coinbase.com/docs/wallet/api-key-authentication>
2. Okcoin. <https://developers.coinbase.com/api/v2>
3. Bitfinex. <https://bitfinex.readme.io/v1/docs/rest-general>

1.1 Data source challenge score

I would count each of them as 4 point and count because three of them need Web API I haven't used before that requires API key or HTTP Basic authorization.

I might use OAuth to explore further function of my implementation, but this is to be determined.

2 Presentation options identified

I like to choose bar plot to compare current price of different platform, and use line chart to present trend of the price.

3 Presentation tools identified

I would like to use both print and plotly to present my results.