**CrytoPy**

**Goal**

Find correlation between cryptocurrency, social media and stock market.

Stock market (nasdaq, dow jones)

Social media (twitter hashtags #bitcoin )

May look at other markets like Korea

Time frame : a week, 24 hour

index : time

**Hypothesis :**

There is a delay between tweets and the changes in the currency market

Also, a delay between stock and changes in the currency market

**Data Source**

2-3 years of historical data from GDAX, CryptoCompare, Stripe, Coinbase

**API**

<https://api.coinbase.com>

<https://www.cryptocompare.com/api/>

<https://api.stripe.com>

**Results**

6-8 Visualizations and Observations

Tweet volume(sentiment) versus price change

Tweet volume versus trade volume

**Team**

Seohong, Scott, Sara, Debbie, Rupalioinbase.com/v2/

https://api.coinbase.com/v2/https://api.coinbase.com/v2/