

Sentiment Analysis versus Bitcoin pricing

Question:

Do tweets/shares about Bitcoin impact its trading price?

Data Sets:

Bitcoin pricing over time

- <https://www.quandl.com/collections/markets/bitcoin-data>

PsychSignal's Bitcoin sentiment from Twitter and StockTwits

- https://www.quandl.com/data/PS1/BCOIN_ST
- https://www.quandl.com/data/PS1/BCOIN_TWTR_RT

CoinCenter's consumer trust survey

- <http://coincenter.org/survey/>

The PsychSignal data measures sentiment on an index from bullish to bearish and goes back to 2011. Bull/bear sentiment could correlate with an increase/decrease in price over time.

The CoinCenter survey measures public opinion monthly, focusing on usage and perceptions of trust. I thought this additional data could show whether public opinion changes over time compared to social media mentions.

I chose this topic because I'm interested in cryptocurrency and curious how perception of its viability has changed over time.