Project proposal:

Is there a correlation between twitter sentiment analysis and fluctuation in cryptocurrency value?

* Will volume, positive or negative tweets connected to cryptocurrency affect the currency price?
* Can twitter sentiment analysis be used as an indicator of currency value?

Limitations:

* 7 days of twitter data
* 2 currencies and total market cap
* Just investigating currency from one exchange
* No other factors analyzed (gold, stock market etc.)

Data sources:

Cryptocurrency;

* <https://www.cryptocompare.com/api/#-api-data-price->
* <https://www.kaggle.com/jessevent/all-crypto-currencies>
* <https://coinmarketcap.com/>

Sentiment analysis:

* Twitter search:
  + BTC
  + ETH
  + Cryptocurrency