

Crypto Trader Assistant

What new traders need to know

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Motivation

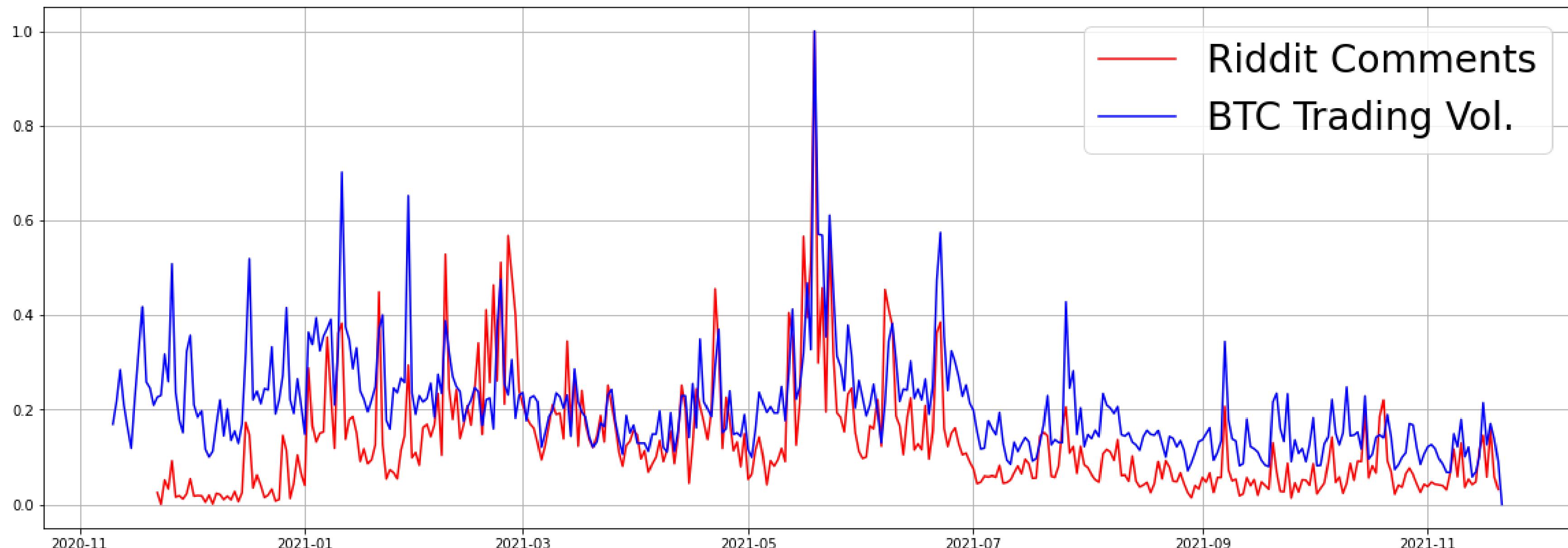
- Information about Cryptocurrency is sparse.
- Looking for useful information is time consuming.

Goal

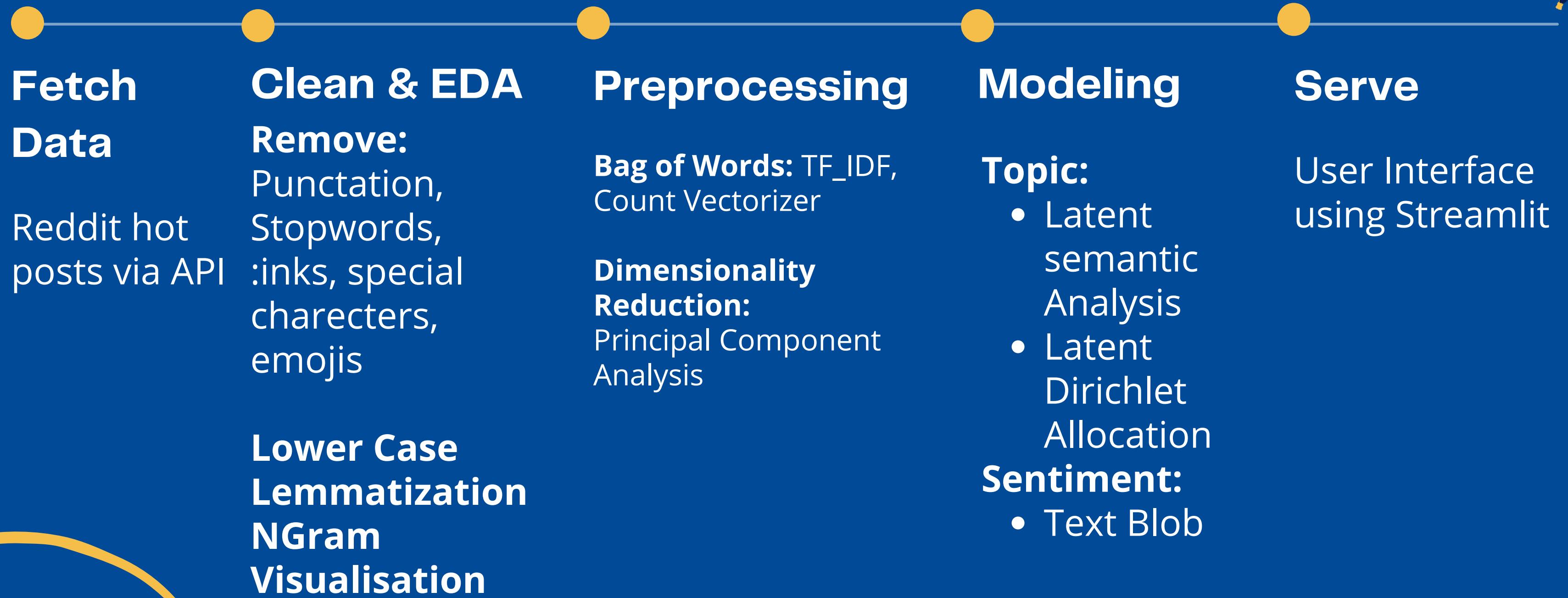
- Develop a tool that reads and analyzes social media feeds, and returns the sentiment on the desired topic

Why Reddit?

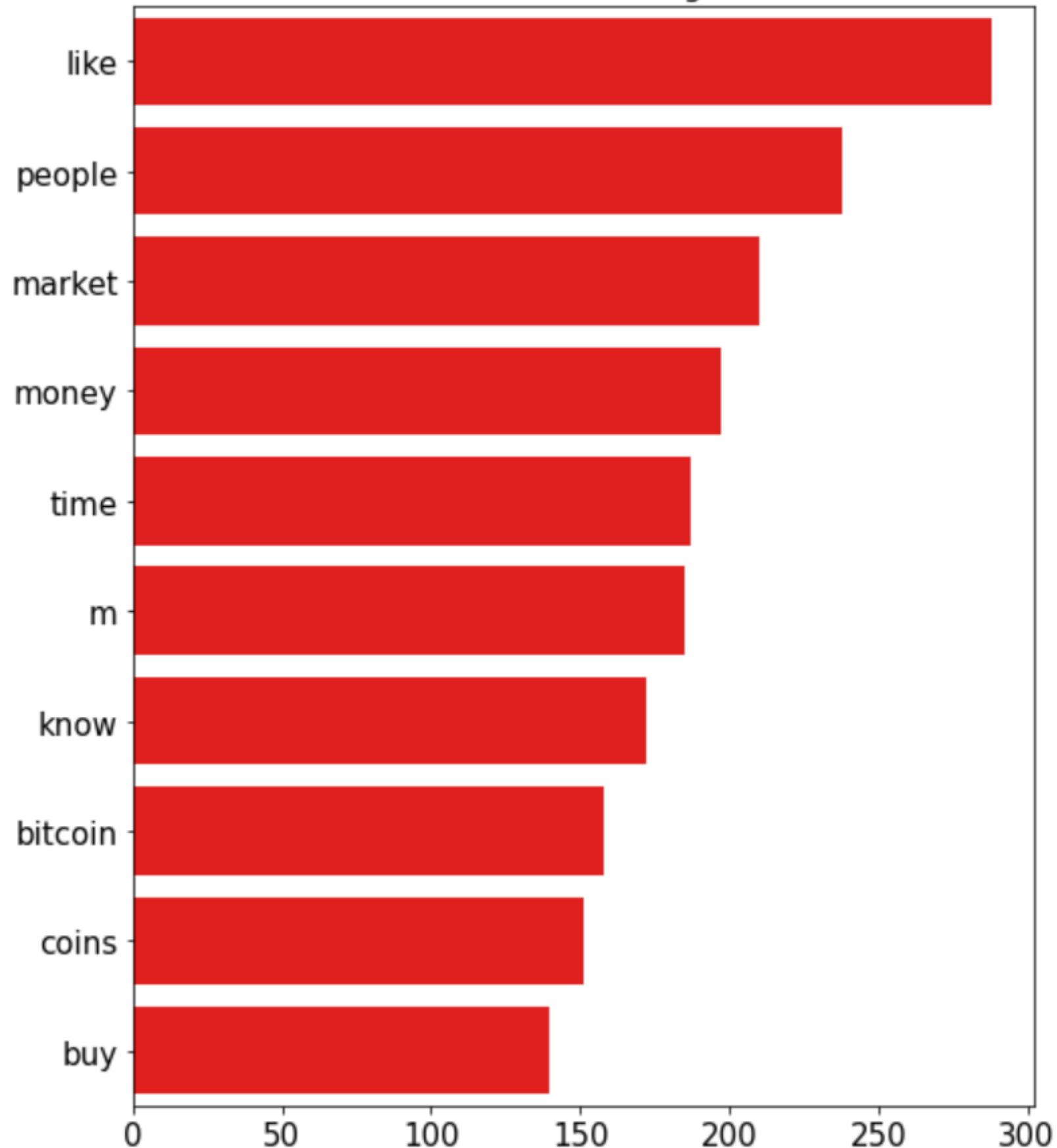
The Bitcoin Trading Volume vs Reddit Comments



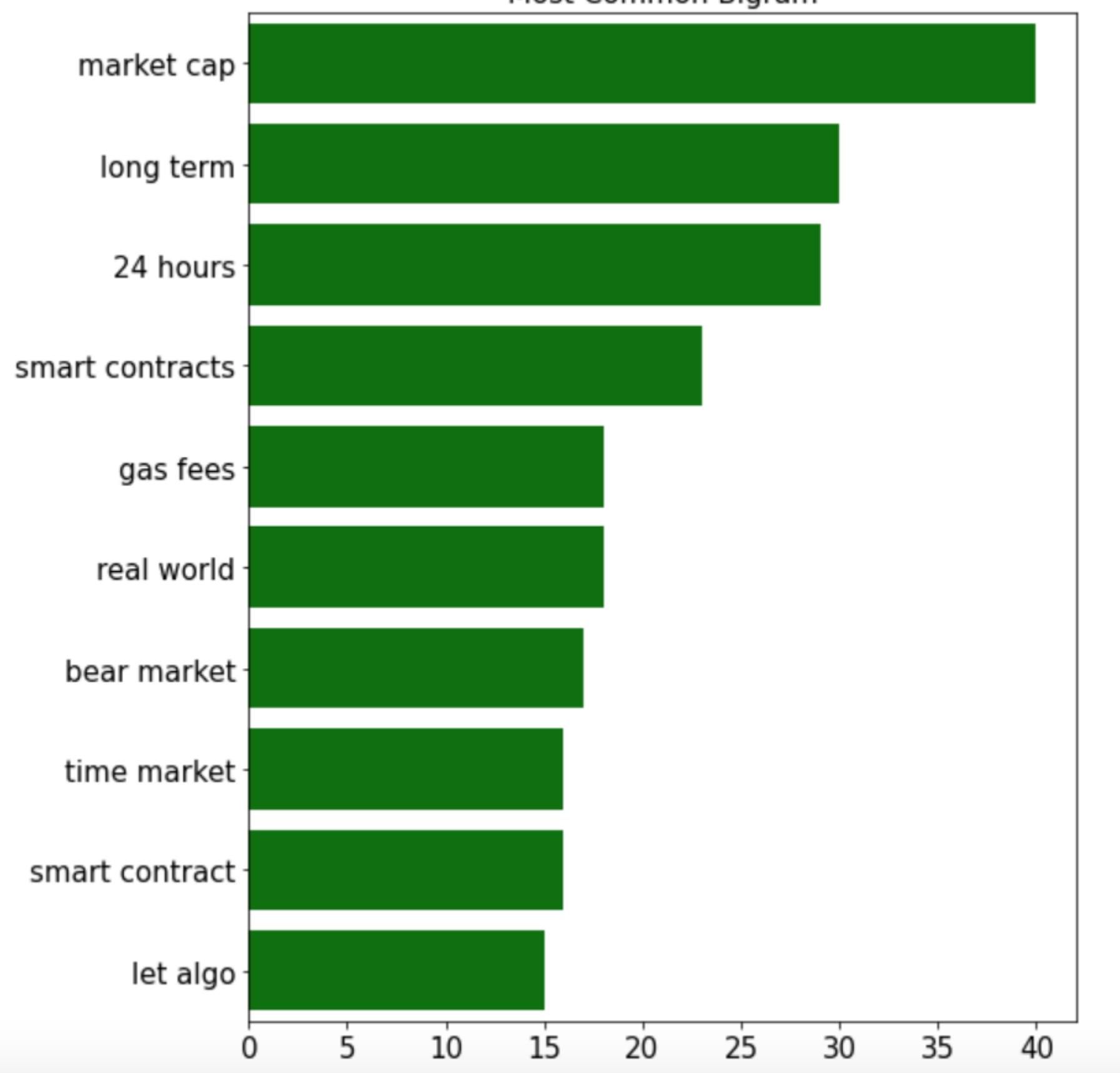
Methodology



Most Common Unigram



Most Common Bigram



Tools

- pandas
- numpy
- plotly
- re

- gensim
- fbpcap
- spacy
- scipy

- textblob
- sklearn
- praw
- streamlit

Conclusion

Although knowledge and concrete facts about Cryptocurrency is still at an immature state, as is the case about any new field of Science and Technology, Communities in the social media may give you an indication about where the Cryptocurrency is going in the market

Disclaimer: Use it at your own risk ;)



Demo



Future Work

- **Expand the posts selection for Sentiment Analysis to include posts from different subreddits**
- **Include how much of the Sentiment Analysis score is based on subjective opinion vs factual information**
- **Optimize the model to execute faster**



THANK YOU

Any Questions?

