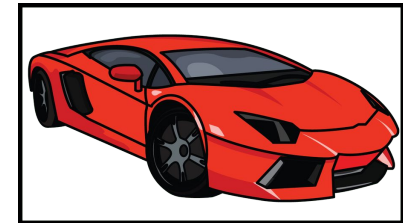


WSB Sentiment Analysis Project



Intro



Doug Mill

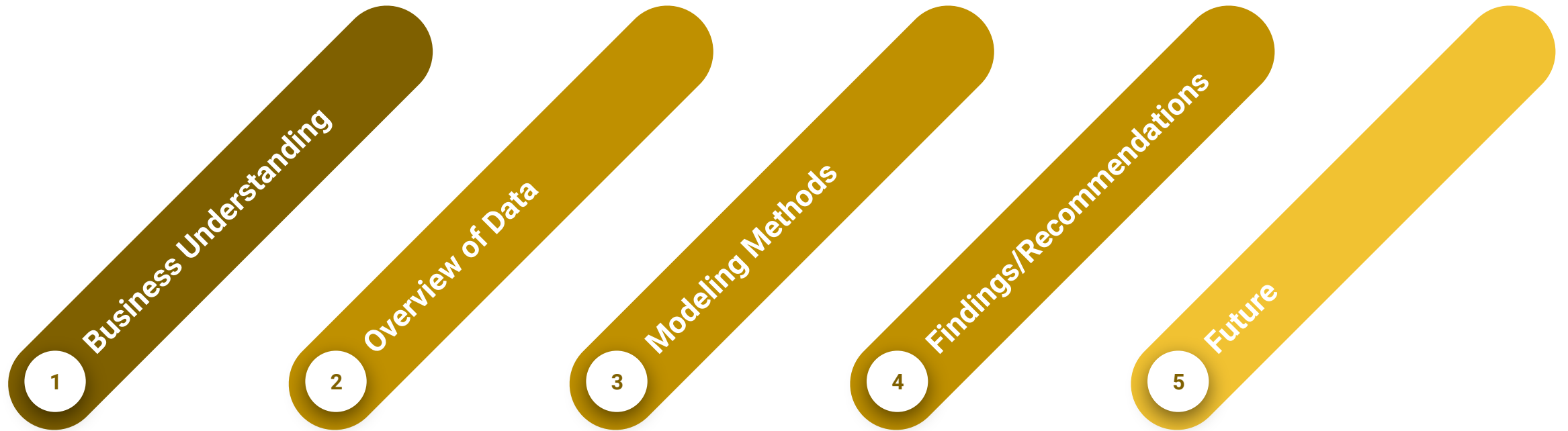


cyborgsage



douglas_mill@live.com

Agenda

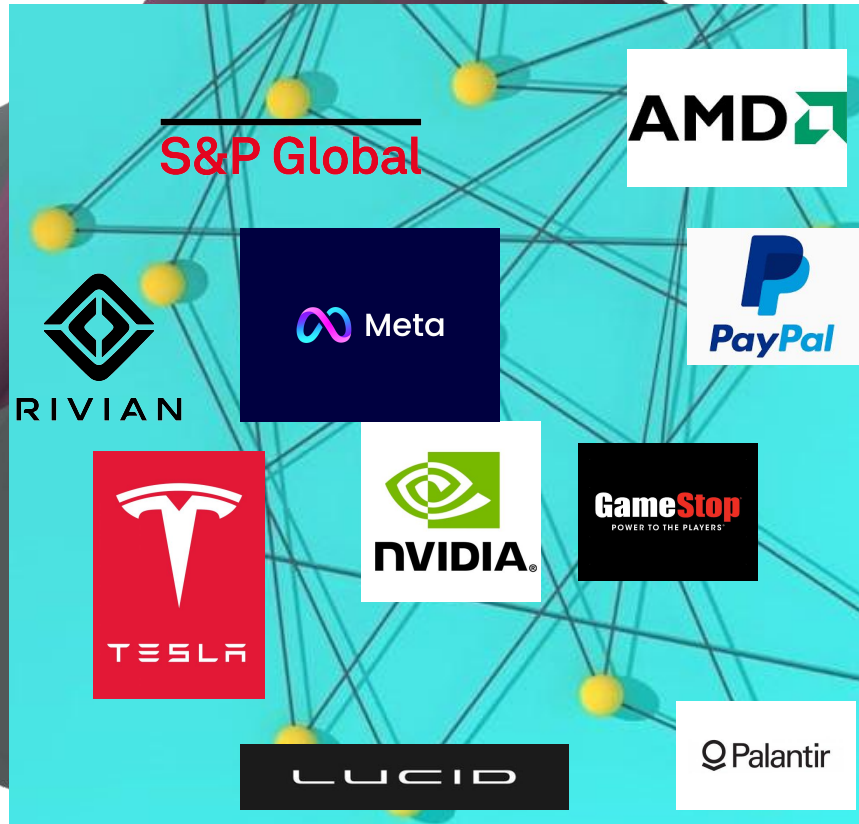








RSAH



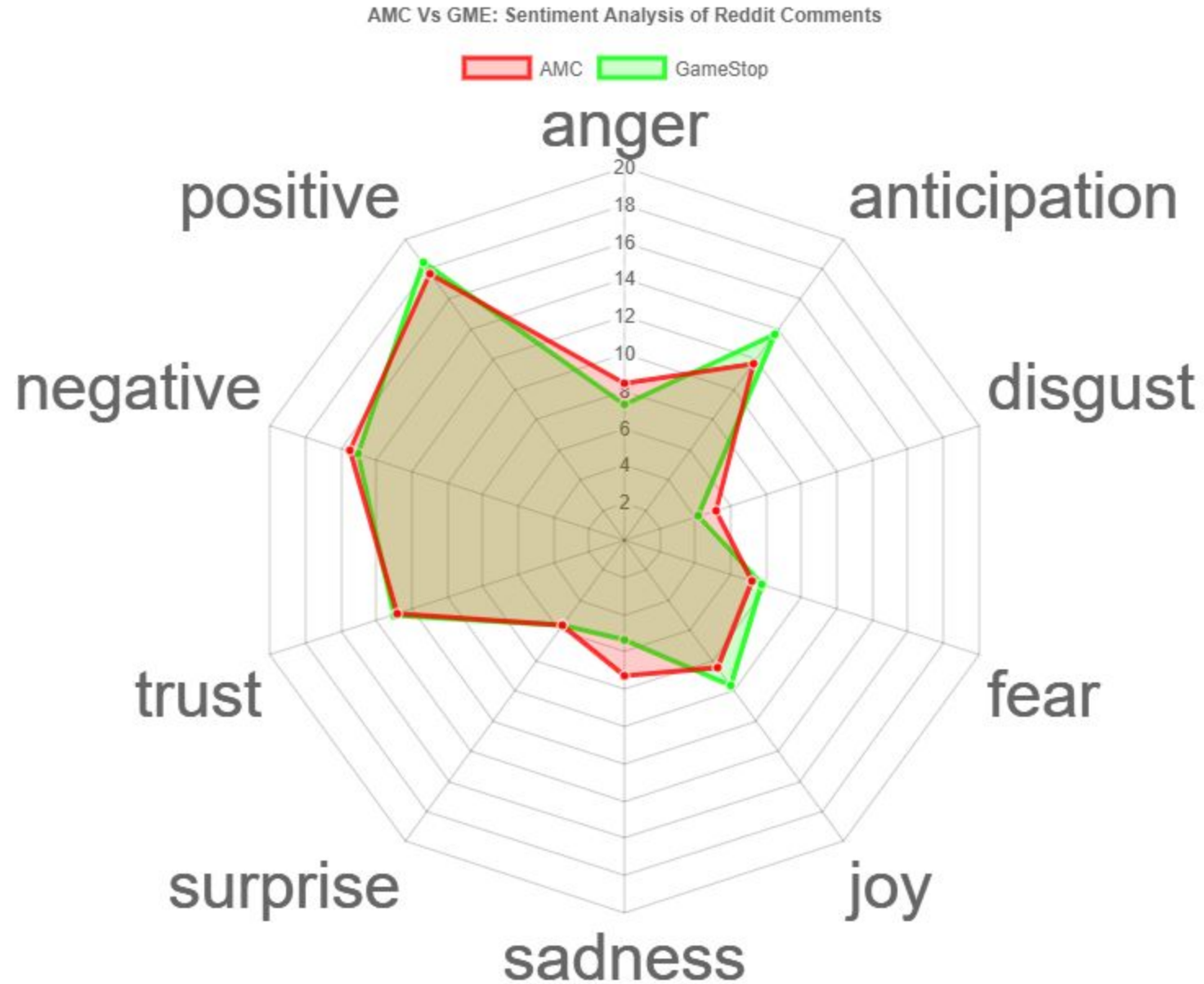
- **Reddit Sentiment Analysis Holdings**
- **Top 10 most mentioned**
- **Rebalanced monthly**

Data

- 100k “AMC”, “GME” comments
- r/wallstreetbets; 1/1/21 – 11/20/21

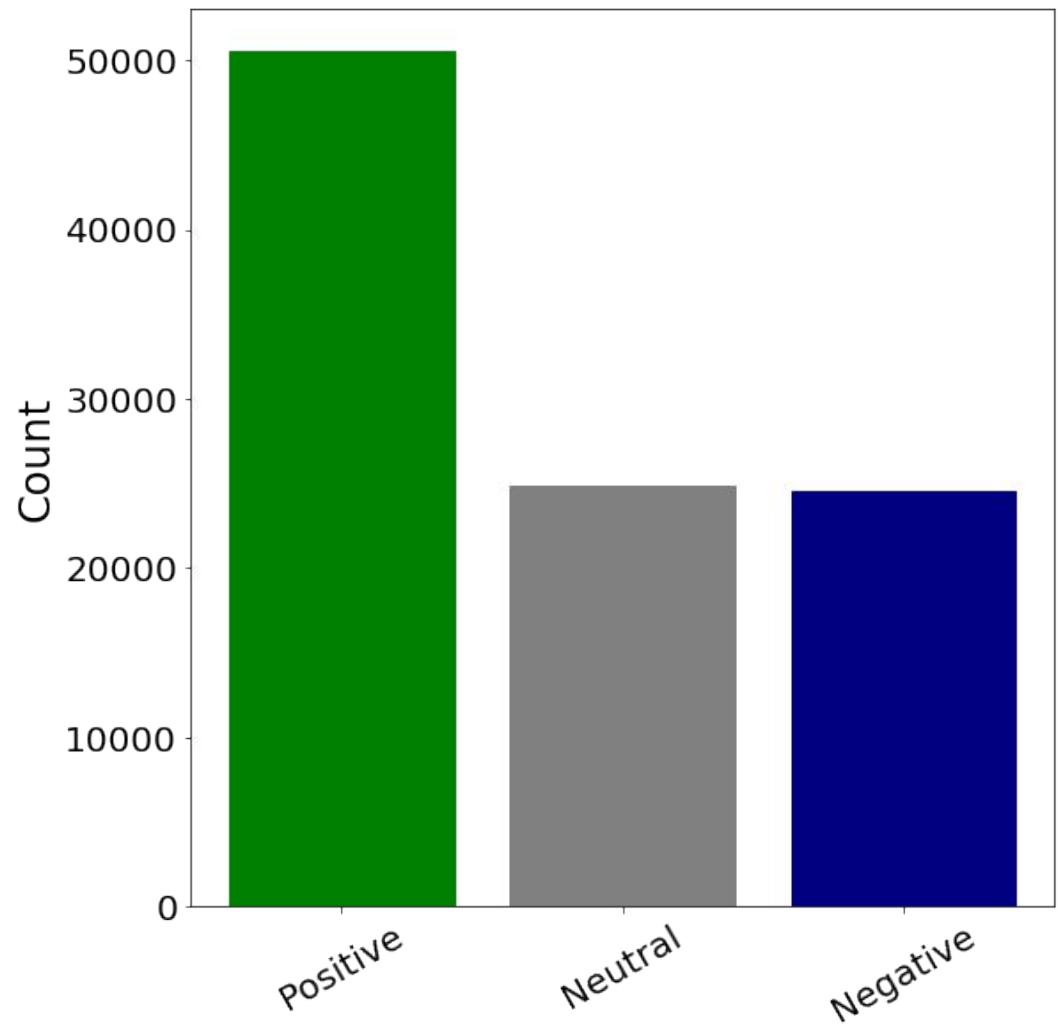


What is Lexicon Sentiment Analysis?

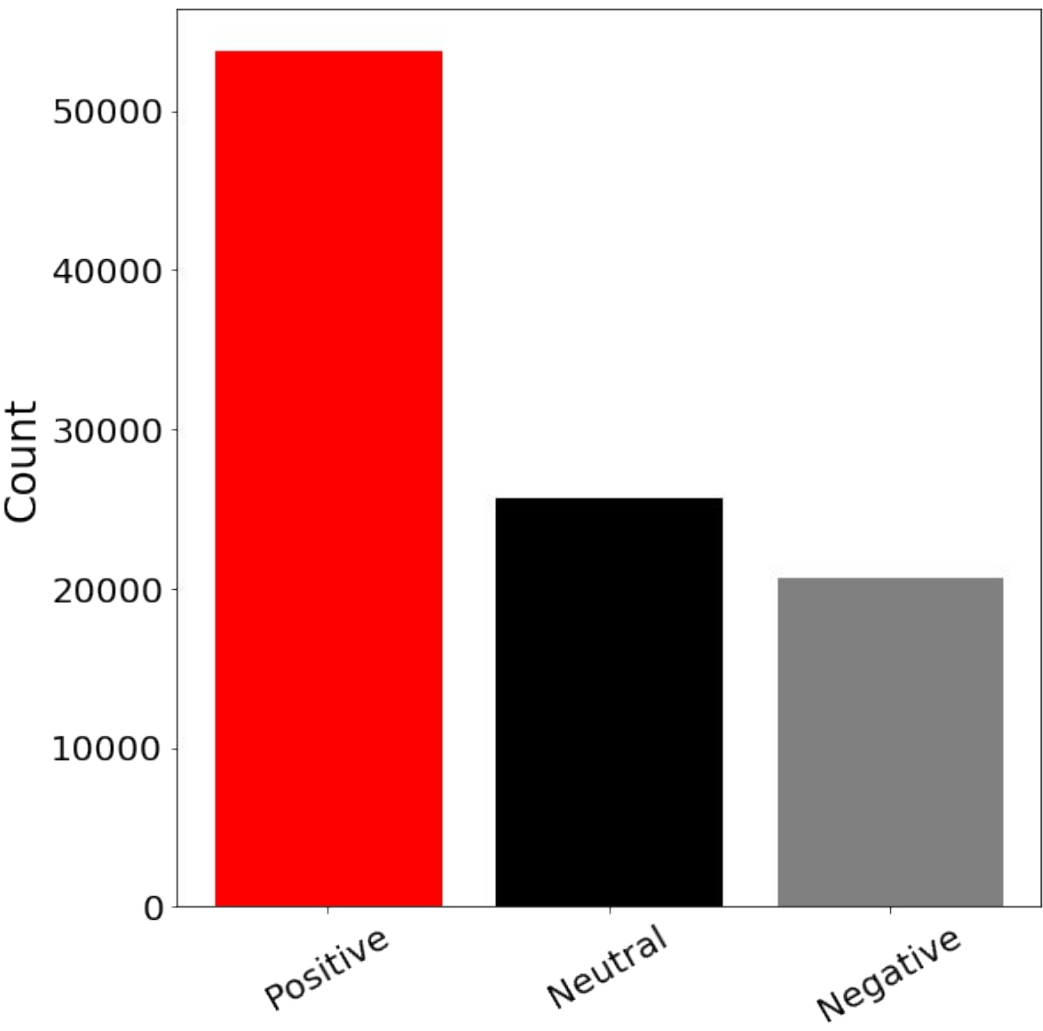




VADER Comment Sentiment

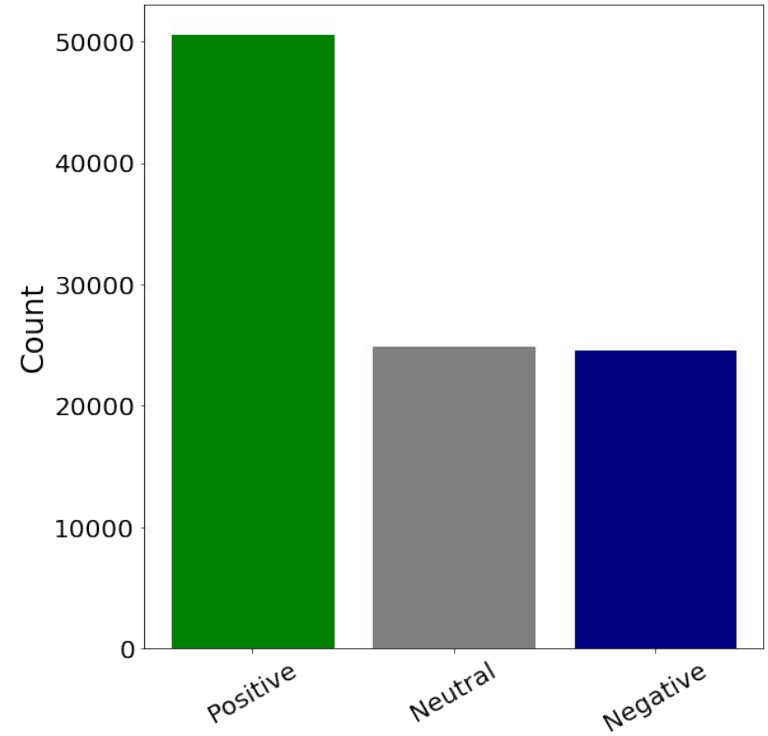


GME VADER Sentiment



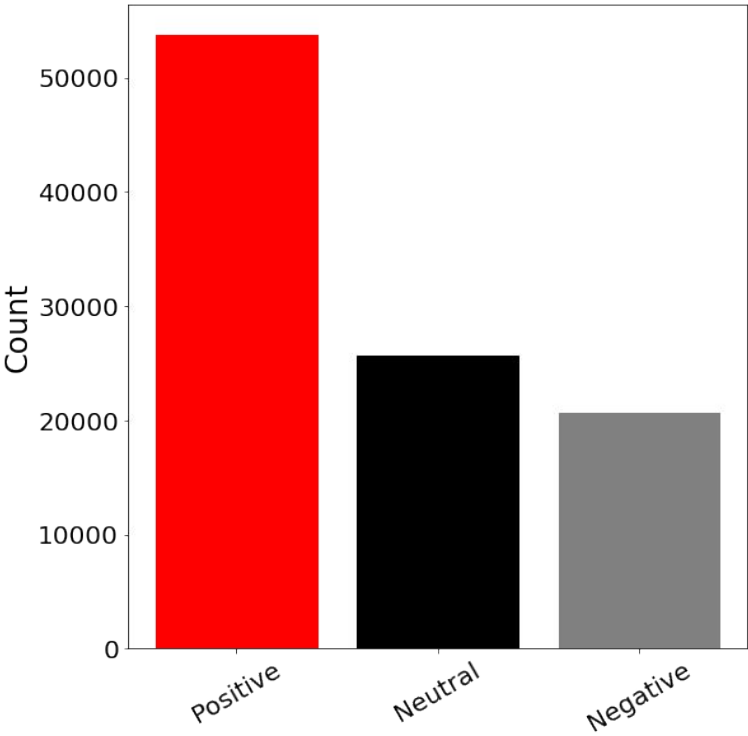


VADER Comment Sentiment



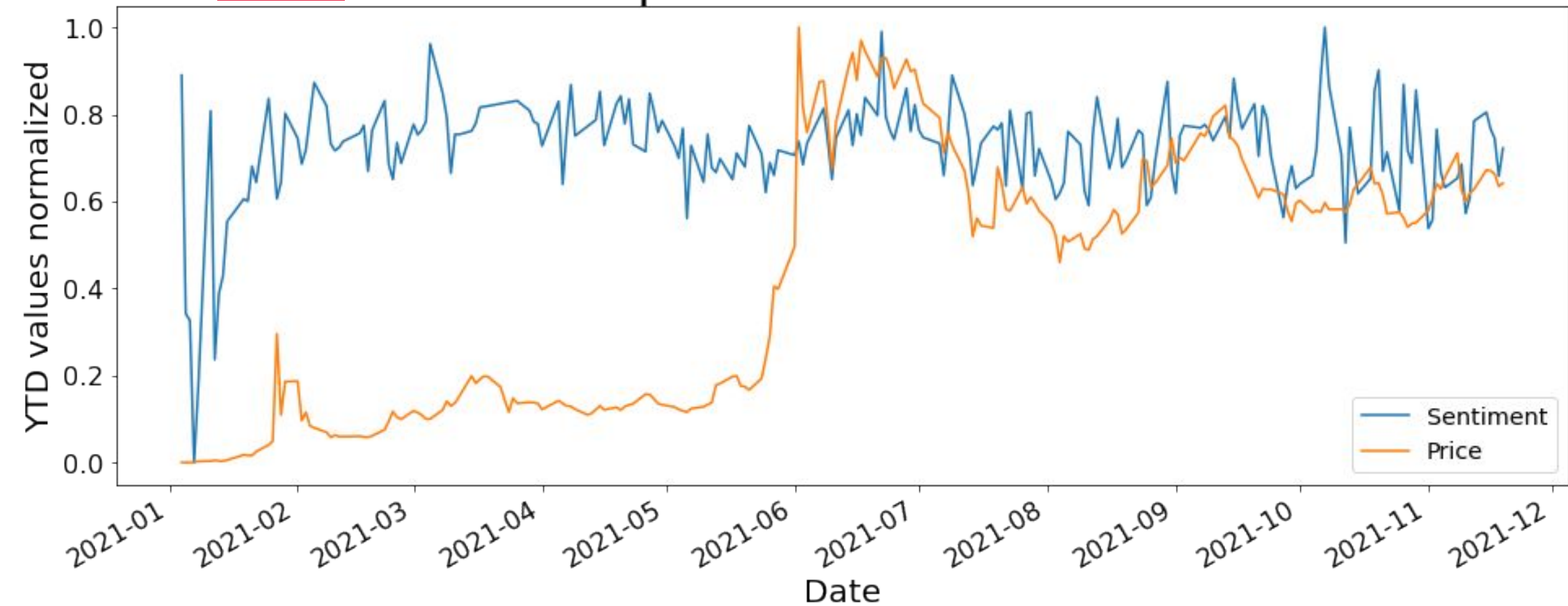
75%

GME VADER Sentiment



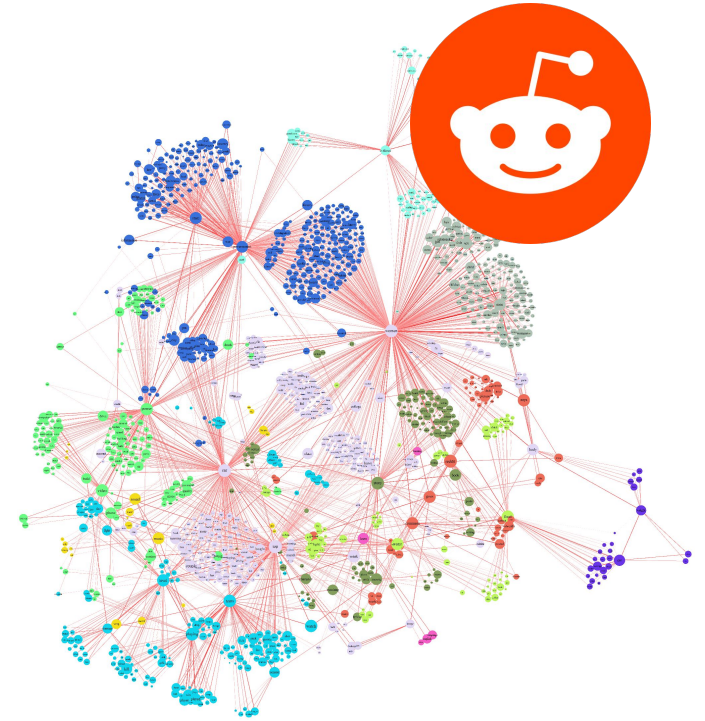


AMC Compound Sentiment to Price



Findings

- 75% classification accuracy
- RSAH
- Dashboard



Future

- Manually label comments & train model
- RSAH Rebalancing, Licensing
- Use with neural networks



Thank you! Questions?



Doug Mill



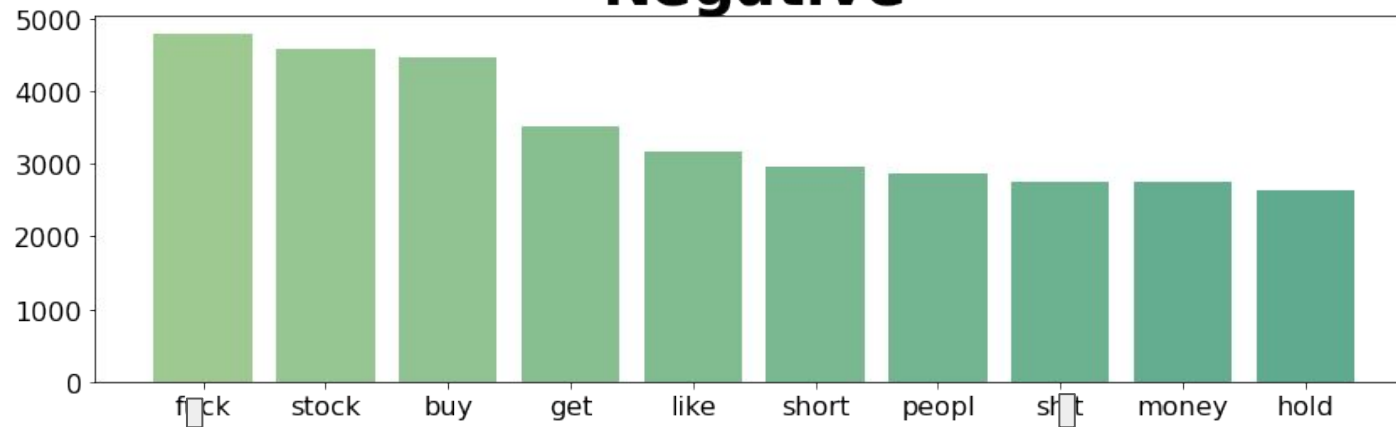
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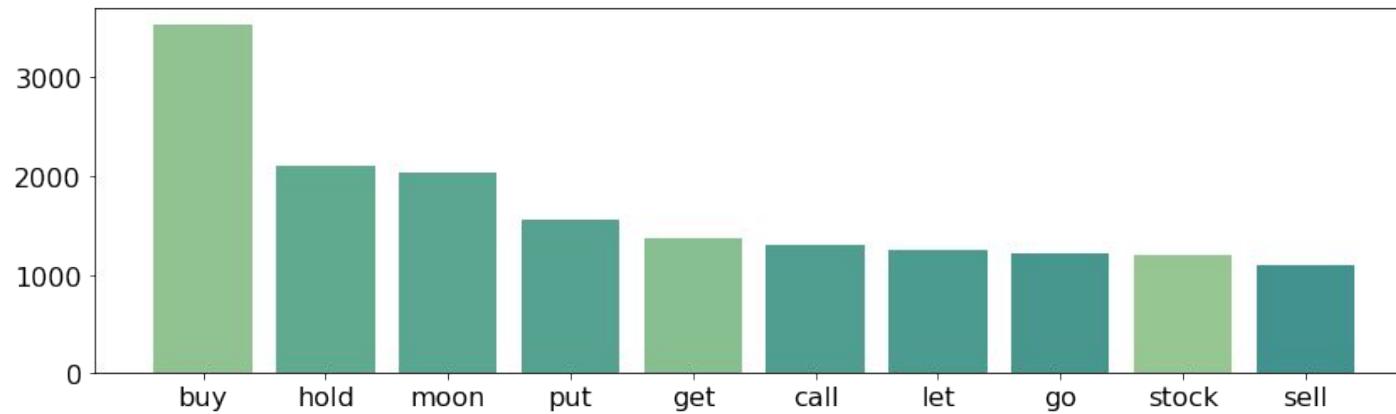
thedougmill@gmail.com

Appendix

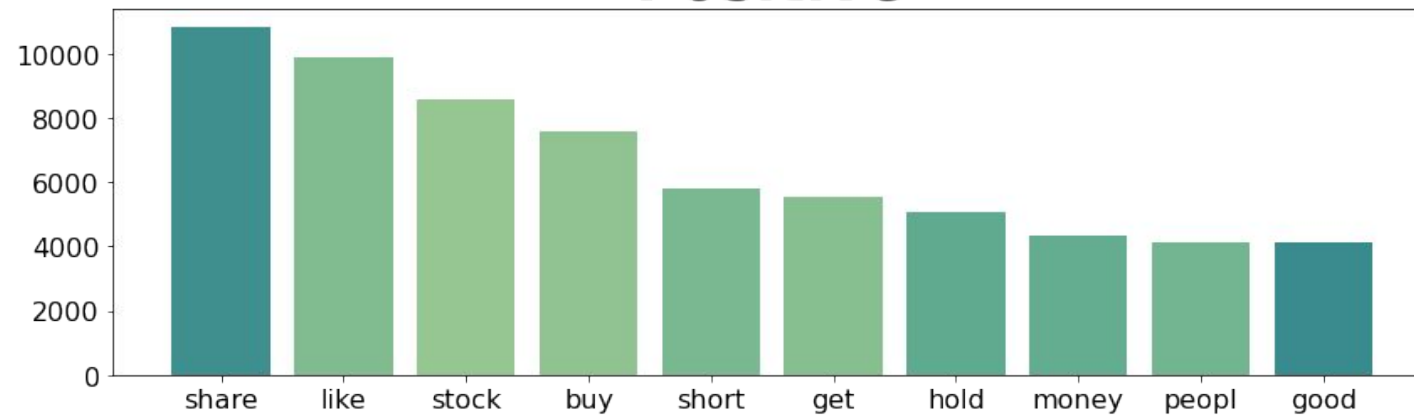
Negative



Neutral



Positive







GME Compound Sentiment to Price

