

Sentient Analysis of Apple tweets and Correlation with Stock Price  
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1. Reviewed all previous material

Previous article on the subject:

<https://ieeexplore.ieee.org/document/8338584>

They used sentient analysis of #AAPL but also combined it with data from stocktwits and the stock market in general so their approach was biased in an attempt to maximize prediction accuracy. We are focused on checking the correlation between the sentient analysis and the stock price and seeing what that correlation would look like on its own.

2. Revised scope of the project if needed

The scope of the proposed project remains the same. We are considering expanding from \$AAPL tweets to other companies and perhaps even crypto. However, this still remains speculative, and we will probably not quite explore the idea until we can guarantee that we can succeed when our project pertains only to \$AAPL stock.

3. Identify / list limitations with data and potential risks of achieving project goal

We only have 500k tweets we can pull and we don't know how far back that will go yet, but we are hoping that will be at least a month to give us substantial time to work with. If this proves to not be the case, we will continue gathering tweets throughout the semester to grow our dataset.

4. Meet with client to review the project

N/A, personal project. We talked over the project within our team again and we are good with analyzing apple stock.

5. Schedule weekly meetings with PMs and bi-weekly with client

We don't have PMs since we are doing a personal project, but we plan to meet after class on Wednesday at 2 pm for an hour every week.