

# ELON TWEET ANALYSIS



Elon Musk, the richest man on Earth with over 107M followers on twitter, uses the platform to share his opinions, often controversial.

But does he wield pricing power?

VS



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# QUESTIONS WE HOPE TO ANSWER:

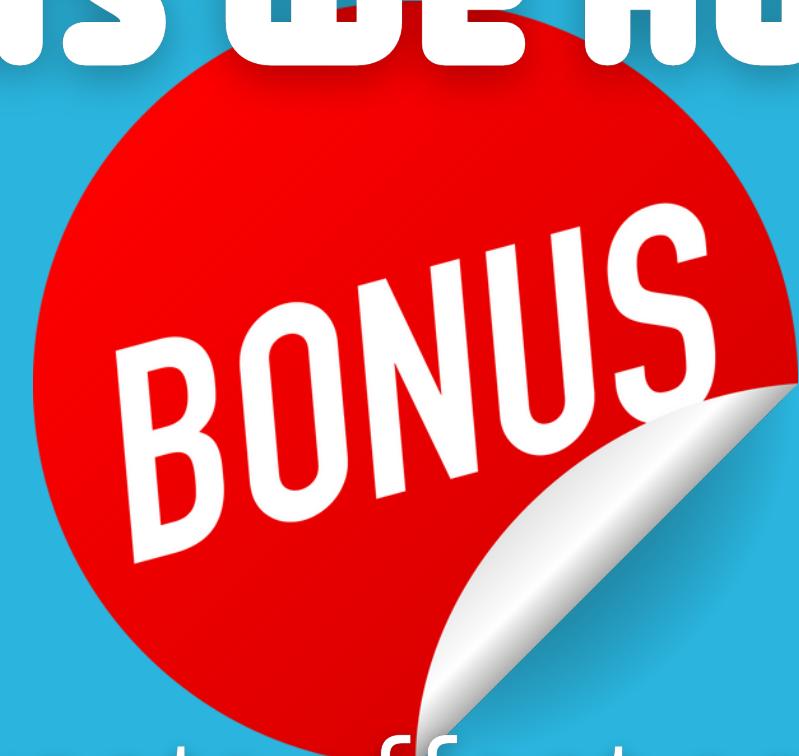
- Does a correlation exist between Elons tweets and stock market reactions ?
- Is it possible to predict whether or not a stock will rise/fall/remain with the sentiment of his tweets?
- Can we design a stock purchase method based on Elons tweets?



VS

A purple diagonal banner with the letters "VS" written in white, with a diagonal slash through them.

# QUESTIONS WE HOPE TO ANSWER:



- Do Elons tweets affect companies other than TSLA? (TEST: 'DOGE' + 'TWTR')
- Should we consider Elons tweet history on a certain company before investing?



VS

A purple diagonal banner with the letters "VS" in white, suggesting a comparison or competition.

TWEET DATA  
pulled from



# STOCKS ANALYZED

Tesla (TSLA)

Dogecoin (DOGE)

Twitter (TWTR)

STOCK DATA

pulled from

**yahoo!**  
**finance**

# FIND MORE ON GITHUB

[https://github.com/  
smruthid/ElonTweetAnalysis](https://github.com/smruthid/ElonTweetAnalysis)

The screenshot shows the GitHub repository page for smruthid/ElonTweetAnalysis. The repository is public and contains 5 branches and 0 tags. The main branch has 18 commits. The commit history includes various files like KaggleData, images, .gitignore, LICENSE, README.md, TweetsElonMusk.csv, acetone\_font.otf, doge.csv, doge.ipynb, doge\_hourly.csv, lab.ipynb, requirements.txt, sentiment\_analyzer.ipynb, sentiment\_df.csv, sp500.csv, sp500.ipynb, sp500\_hourly.csv, and sp500\_model\_training.ipynb. The commits range from 2 hours ago to 6 days ago.

The screenshot shows the README.md file for the project. It features a header image with the Twitter logo and a portrait of Elon Musk, with the text "ELON TWEET ANALYSIS". The text describes the project as comparing the sentiments of Elon Musk's tweets against stock market reactions. It also mentions that Elon Musk, the richest man on Earth with over 107M followers on Twitter, uses the platform to share his opinions, often controversial. A tweet from Elon Musk (@elonmusk) is displayed, stating "Tesla stock price is too high imo". A callout bubble provides context about the SEC's review of the tweet. The "BACKGROUND" section explains the purpose of the project, and the "PROJECT OVERVIEW" section lists the goals of the analysis.

Elon Musk, the richest man on Earth with over 107M followers on Twitter, uses the platform to share his opinions, often controversial. In addition, Elon was charged with securities fraud by the SEC because of misleading tweets causing price fluctuations.

**BACKGROUND**

This is a multi-function jupyter lab notebook (stored as `sentiment_analyzer.ipynb`) that compares the sentiments of Elon Musk tweets versus stock market reactions from the individual stocks referenced in his tweets. Elon Musk, the richest man on Earth with over 107M followers on Twitter, uses the platform to share his opinions, often controversial. In addition, Elon was charged with securities fraud by the SEC because of misleading tweets causing price fluctuations.

**PROJECT OVERVIEW**

In this notebook we hope to answer the following questions:

- Does a correlation exist between Elons tweets and stock market reactions ?