1. Bhadamkar, A., Bhattacharya, S. (2022). Tesla Inc. Stock Prediction using Sentiment Analysis. Australasian Business Accounting, and Finance (AABFJ). Vol 16(1). Pgs. 52-66

Goal of the paper

To determine the relationship between Tesla Stock and Tweets by Elon Musk

Why is it important

Its important because the study closely parallels what the group is trying to do. Namely predict stocks from social media. In both cases the tweets from twitter were used.

How is it solved – methods

They used a text extractor called textblob the analyze the tweets in twitter and tagged speech parts for inflection and lemmatization. They ran it through Facebook's prophet to determine polarity and subjectivity.

Results limitations if any

The did find the amount and strength of Musk's engagement with Twitter had a marginal short term relationship to Twitter Stock Prices and a direct more solid relationship in the long term

2. `Tan,K., L. Lee, C., P., and Lim K, M. (2023). A Survey of Sentiment Analysis: Approaches, Datasets and Future Research. Applied Sciences, 13, 4550.

Goal of the Paper

The paper reviews the methods of sentiment analysis, the datasets used, and future research areas in sentiment analysis.

Why is it important?

Its important because it gives the group a broad overview of the methodologies used in sentiment analysis including their strengths and weaknesses. It also provides several data sets the group can use to do their study. The paper also provides the group with some areas they might want to look at to do some original research in the area.

How it is solved – Methods

The broad overview provides the groups descriptions and possible challenges it faces in selecting a database to look at the influence of sentiment analysis on stock prices.

Results, Limitations if any

The results are a review of the types of tools in sentiment analysis, a review of some the top databases used in sentiment analysis, as well as the areas of research which the group might want to address to further research in sentiment analysis of stock prices