***Vaughn Hajra, Econ 475***

***Preliminary statement of intent***: Submit a brief (1-3 sentence) statement of your proposed research question along with full citations of several sources (primarily academic articles) that you believe will be important sources in your research. Include a record of an EconLit search on your topic.

**Statement of Proposed Research Question:**

To what extent did the sentiment of President Donald Trump’s tweets mentioning publicly traded companies correlate with the subsequent stock market performance those companies?

This project will analyze the influence of President Trump’s tweets on the stock performance of publicly traded US companies during his term. By filtering a dataset of these companies against Trump’s tweets and then conducting sentiment analysis on those tweets, we aim to understand the potential impact. A previous study has conducted very similar methods, but the dataset was limited to 2016-2018, and by including the entirety of Trump’s presidency, I hope to add to the existing research.

**EconLit Search Papers (**[**search link 1**](https://libproxy.kenyon.edu/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ecn&bquery=Sentiment+Analysis+Trump+Twitter&type=0&searchMode=And&site=ehost-live)**,** [**Search Link 2**](https://libproxy.kenyon.edu/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ecn&bquery=Sentiment+Analysis+Stock&type=0&searchMode=And&site=ehost-live)**):**

*See Second Page for Full Citations*

[Social Media Posts and Stock Returns: The Trump Factor](https://libproxy.kenyon.edu/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ecn&AN=1902641&site=ehost-live) – Ajjoub, International Journal of Managerial Finance

[Macroeconomic Research with Innovative Methods](https://libproxy.kenyon.edu/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ecn&AN=1936215&site=ehost-live) – Ziyu, UC Santa Cruz (Dissertaion)

[Modeling Stock Price Movements Prediction Based on News Sentiment Analysis and Deep Learning](https://libproxy.kenyon.edu/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ecn&AN=1974074&site=ehost-live) – Tajmazinani, Annals of Financial Economics

[A Two-Dimensional Sentiment Analysis of Online Public Opinion and Future Financial Performance of Publicly Listed Companies](https://libproxy.kenyon.edu/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ecn&AN=1965824&site=ehost-live) – Yen, Computational Economics

**Datasets & Other Resources**

[Trump Twitter Archive](https://www.thetrumparchive.com/)

[S&P 500 companies (with industry)](https://github.com/datasets/s-and-p-500-companies/blob/main/data/constituents.csv) Dataset

[Stock Price on Specific Date Using Excel](https://exceljet.net/formulas/get-stock-price-on-specific-date#:~:text=This%20can%20be%20done%20with,the%20worksheet%20into%20multiple%20cells.)

[Sentiment Analysis in R](https://www.tidytextmining.com/sentiment)

Works Cited

Ajjoub, Carl, et al. “Social media posts and stock returns: The trump factor.” *International Journal of Managerial Finance*, vol. 17, no. 2, 2020, pp. 185–213, https://doi.org/10.1108/ijmf-02-2020-0068.

He, Ziyu. “Macroeconomic Research with Innovative Methods.” *UC Santa Cruz*, 2021.

TAJMAZINANI, MAEDEH, et al. “Modeling stock price movements prediction based on news sentiment analysis and deep learning.” *Annals of Financial Economics*, vol. 17, no. 01, 2022, https://doi.org/10.1142/s2010495222500038.

Yen, Meng‐Feng, et al. “A two-dimensional sentiment analysis of online public opinion and future financial performance of publicly listed companies.” *Computational Economics*, vol. 59, no. 4, 2021, pp. 1677–1698, https://doi.org/10.1007/s10614-021-10111-y.