

Data Appendix

1) NVDA_initial_raw_query.xlsx

This data set contains observations of text objects that are scraped from articles throughout the internet. Additional variables are added as filters and MetaData in order to refine the results. This data was curated by databar.

Variable	Description	Potential Response
Symbol	A four letter indicator of the stock	NVDA
Title	The title of the website article as it appears online	<i>NVDA on the rise</i>
Text	The body of text included in the website article	NVDA stock has shown strong growth...
Link	The URL link for the article	A valid URL beginning with https://

2) NVDA_with_dates.xlsx

Same with the NVDA.xlsx but with an extra column of date.

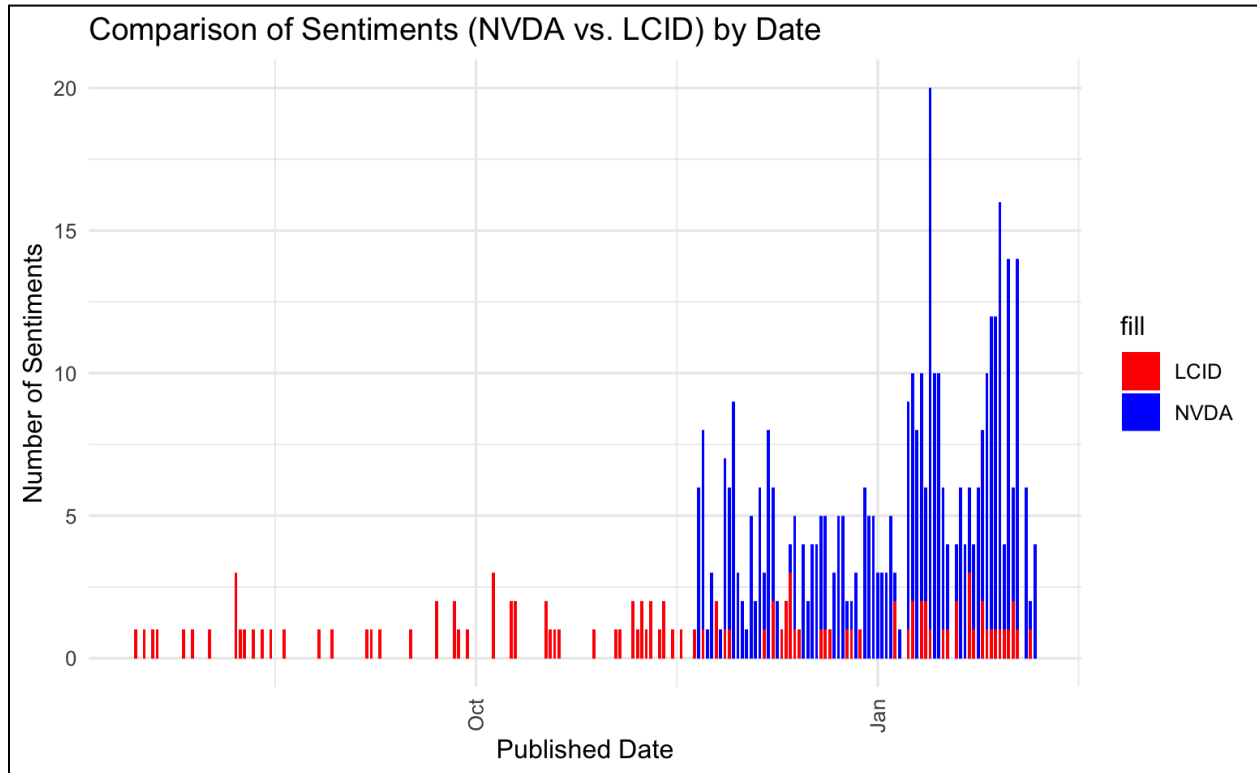
3) LCID_initial_raw_query.xlsx

This data set contains observations of text objects that are scraped from articles throughout the internet. Additional variables are added as filters and MetaData in order to refine the results. This data was curated by databar.

Variable	Description	Potential Response
Symbol	A four letter indicator of the stock	LCID
Title	The title of the website article as it appears online	<i>LCID is falling</i>
Text	The body of text included in the website article	LCID stock has shown decline...
Link	The URL link for the article	A valid URL beginning with https://

4) LCID_updated_with_date.xlsx

Same with the LCID.xlsx but with an extra column of date.



5) NVDA Stock Trends.csv

Each row in this dataset represents information about the monetary value of NVDA stock throughout a single trading day. All of this information is from 2023. This data was reported by Nasdaq.com.

Variable	Description	Potential Response
Date	Date corresponding to the stock prices	2000-01-03
Close/Last	NVDA price at market close	\$722.48
Open	NVDA price at market open	\$726.00
High	High trading price for the day	\$140.1294
Low	Low Trading price for the day	\$35.5123

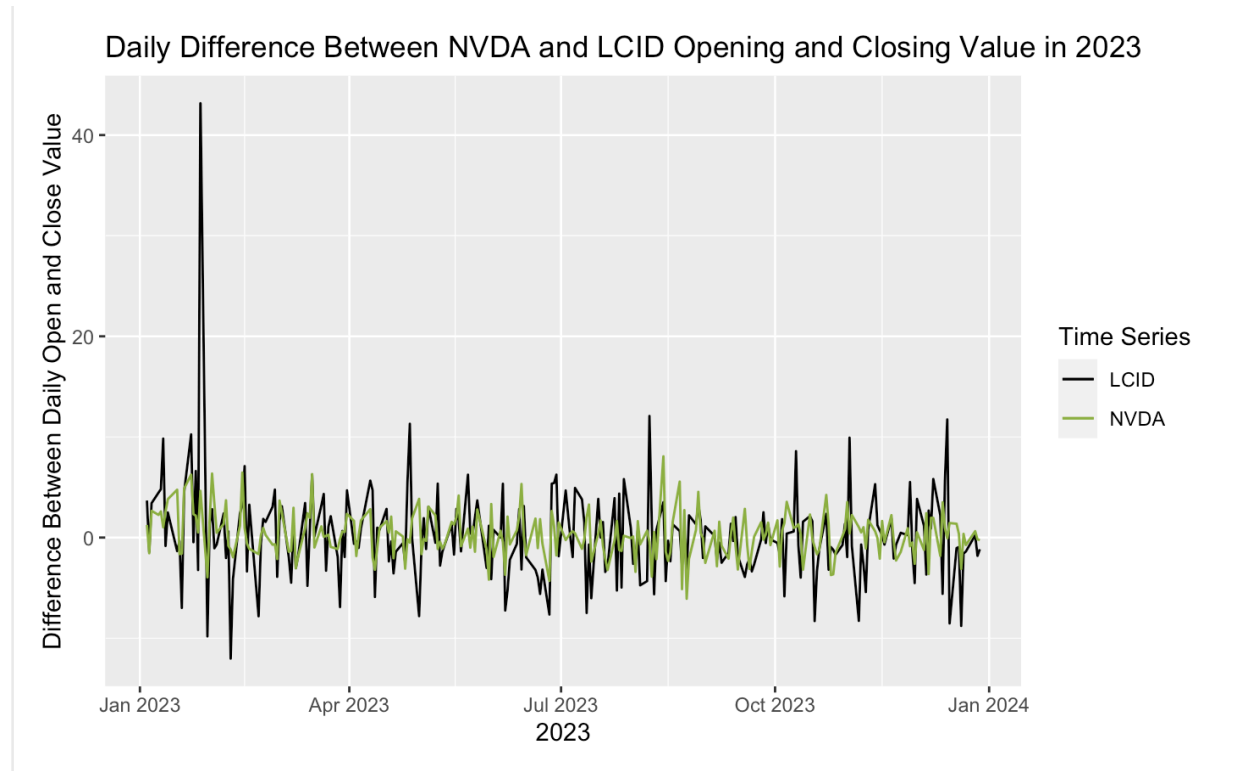
6) LCID_Stock_Trends.csv

Each row in this dataset represents information about the monetary value of LCID stock throughout a single trading day. All of this information is from 2023. This data was reported by Macrotrends.net.

Variable	Description	Potential Response
date	Date corresponding to the stock prices	2000-01-03
open	LCID price at market open	20.00000
high	High trading price for the day	18.23
low	Low Trading price for the day	5.412
close	LCID price at market close	32.412

7) daily_stock_percent_changes.csv

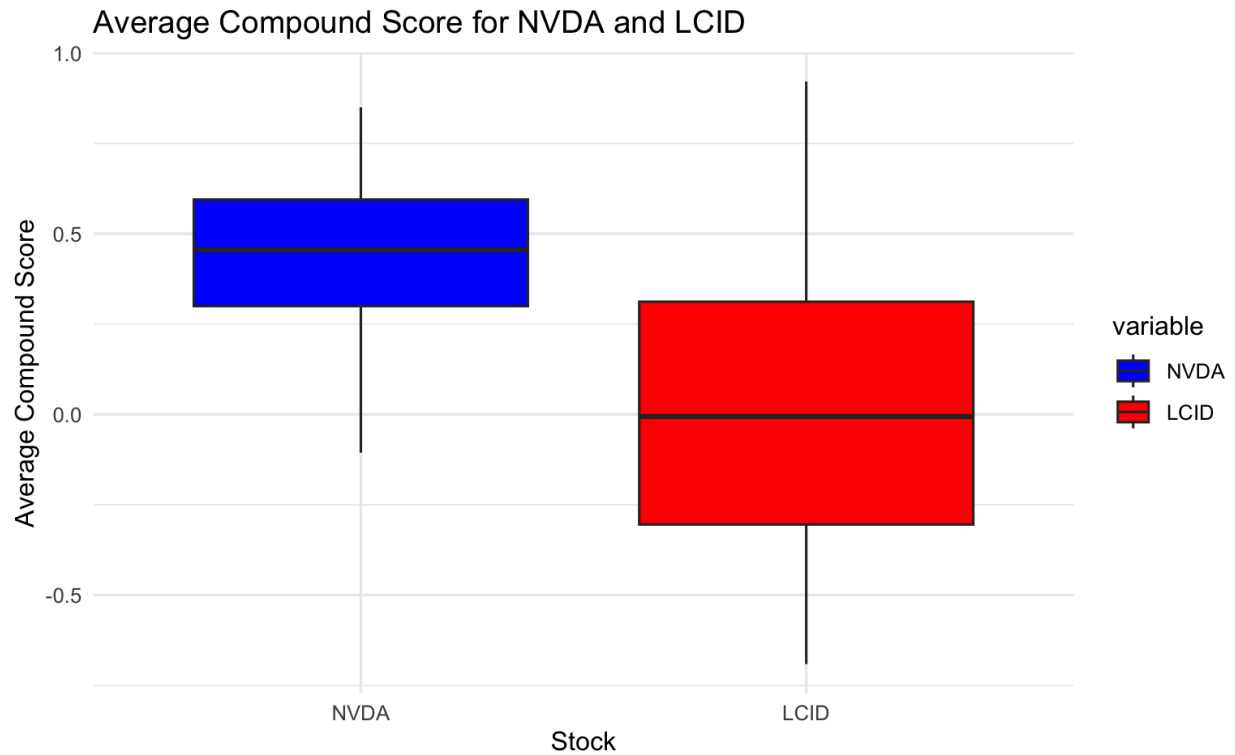
Variable	Description	Potential Response
Date	Date corresponding to the stock prices	11/29/2023
NVDA_daily_percent	$((\text{NVDA closing value} - \text{NVDA opening value}) / \text{NVDA opening value}) * 100$	1.249399327
LCID_daily_percent	$((\text{LCID closing value} - \text{LCID opening value}) / \text{LCID opening value}) * 100$	3.68



8) Sentiment_score.xlsx

The sentiment score is calculated by VADER package in r.

Variable	Description	Potential Response
Published Date	Date when sentiment been published and +1 for analysis purpose	11/23/2023
NVDA	NCDA's average sentiment score for that date	0.3395
LCID	LCID's average sentiment score for that date	-0.125



9) nvda_stock_data_sentimentVpercChange.xlsx

Variable	Description	Potential Response
Date	Date correspond to the stock price and the modified published date from sentiment_score.xlsx.	11/23/2023
NVDA_daily_percent	NVDA's stock price percentage change for the corresponding date get from daily_stock_percent_changes.csv	-0.3630850257
NVDA	NVDA's average sentiment score for the corresponding date get from Sentiment_score.xlsx	0.1535

10) lcid_stock_data_sentimentVpercChange.xlsx

Variable	Description	Potential Response
Date	Date correspond to the stock price and the modified published date from sentiment_score.xlsx.	11/23/2023
LCID_daily_percent	LCID's stock price percentage change for the corresponding date get from daily_stock_percent_changes.csv	3.840472674
LCID	LCID's average sentiment score for the corresponding date get from Sentiment_score.xlsx	0