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Note: Please complete all columns, especially the last two columns. Thank You.

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| Day of week | Time of Day  From - To | Description of Activity | Individual or Group? | Duration |
| Monday | 2 pm – 6 pm | Matched news timestamps with price data in Python using yfinance. Tracked 1 hr, 4 hours, End-of-Day, and 7-day price points. | Individual | 4 hours |
| Tuesday | 1 pm – 4 pm | Tested price extraction for multiple tickers and ensured sentiment scores matched the correct timestamps. | Individual | 3 hours |
| Wednesday | 10 am – 1 pm | Calculated percentage change for each time window and combined with TextBlob and VADER sentiment scores. | Individual | 3 hours |
| Thursday | 2 pm - 6 pm | Filtered and cleaned sentiment data, removing outliers and incomplete results. Created intermediate CSV. | Individual | 4 hours |
| Friday | 7 pm – 11 pm | Interpreted which keywords caused the biggest stock swings. Created keyword-performance summary table. | Individual | 4 hours |
| Saturday | 11 pm – 2 am | Started documenting the result in the Jupyter Notebook. Added Markdown descriptions for reproducibility. | Individual | 3 hours |
| Sunday | 11 am – 3 pm | Wrote summary and pushed cleaned dataset and annotated notebook to GitHub. Prepared for week 6. | Individual | 4 hours |

1. Comments:

This week, I focused more on matching stock price movements with news sentiment. I built a price tracker in Python to fetch 1-hour, 4-hour, End-of-Day, and past 7 days prices after each news event. The integration of TextBlob and VADER sentiment scoring added a deeper layer to the analysis, letting me identify the most impactful keywords. I also began compiling results into a report format.

1. External Help:

I used ChatGPT for code troubleshooting and interpretation help. I also referred to Yahoo Finance, Investopedia, and NLTK documentation for sentiment analysis techniques.

1. Please list the link to any external materials you have used to assist you with your course project. This could be a YouTube link, a LinkedIn link, etc.

* <https://finance.yahoo.com>
* <https://www.investopedia.com>
* <https://www.nltk.org>
* <https://chat.openai.com>

1. What were your contributions to the course project?

This week, I completed the price-sentiment correlation task. I gathered news data, extracted timestamp-aligned stock prices, computed price deltas, and linked them with sentiment scores. I cleaned and exported the full dataset and prepared documentation in Jupyter Notebook. The groundwork is now ready for sentiment labeling in Week 6.