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Note: Please complete all columns, specially 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 | Added volume column to the cleaned dataset in R. Defined and researched the meaning of volume in the stock market. Prepared updated dataset for Apple, Microsoft, Nvidia, and Google to include volume column. | Individual | 4 hours |
| Tuesday | 10am – 2.30pm | Wrote R code and created individual line charts to visualize 2022 trading volume for each company. Created bar plot comparing average daily volume. Interpreted Apple as most traded and Google as least. | Individual | 4.5 |
| Wednesday | 11am – 2pm | Identified top 10 highest volume days for each company using R. Compiled tables and interpreted events that led to spikes, such as earnings announcements and financial crises. | Individual | 3 |
| Thursday | 9am-12pm | Wrote R code to find the lowest volume days. Explained the importance of analyzing quiet periods. Noted that all companies had low volume on Black Friday 2023 due to early market close. | Individual | 3 |
| Friday | 10pm-2am | Researched historical events tied to high/low volume days (e.g., 2008 financial crisis, DOJ lawsuit against Google). Wrote a narrative connecting volume spikes/dips to market reactions. | Individual | 4 |
| Saturday | 2pm-6pm | Created Tableau visualizations of volume changes by year for all four companies. Interpreted trends and added commentary to explain historical peaks. Used dashboard insights to support findings from R. | Individual | 4 |
| Sunday | 11am-2.30pm | Finalized report in Word, added summary tables and charts. Committed Week 2 analysis to GitHub with clear documentation. Reviewed and submitted work to Canvas. Reflected on what I learned about market sentiment through volume patterns | Individual | 3.5 |

1. Comments:

This week, I enjoyed digging deeper into trading volume trends and learning how they relate to investor behavior and real-world events. I also found it helpful to connect data with historical context like the 2008 crisis or holiday trading. Visualizing volume in both R and Tableau gave me a clearer perspective on market activity.

1. External Help:

I used ChatGPT to help summarize volume data trends and explain the significance of top and bottom volume days. I also asked for assistance in writing R code for table outputs and line chart visualizations.

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

* <https://www.investopedia.com/terms/v/volume.asp>
* <https://www.investopedia.com/articles/active-trading/091015/how-use-stock-volume-make-better-trades.asp>
* <https://finance.yahoo.com/>
* [https://www.nasdahttps://www.investors.com/news/technology/nvidia-earnings-strong-demand/q.com/articles/google-defies-doj-in-2006-case](https://www.nasdaq.com/articles/google-defies-doj-in-2006-case)

1. What were your contributions to the course project?

This week, I focused on analyzing the trading volume of Apple, Microsoft, Nvidia, and Google. I added the volume column to the dataset, created line and bar charts in R and Tableau, and identified the top 10 highest and lowest volume days for each company. I linked those volume patterns to real-world events like the 2008 financial crisis and Black Friday. I also documented everything in a clear report, updated my GitHub repository, and reflected on how volume reveals market activity and investor interest.