**Communication in a group project**

**Situation**

In our team research project, I was primarily responsible for conducting the quantitative analyses. I had planned to perform various types of analyses on each the hedging options, including sensitivity analyses by reverse engineering pricing concepts taught in lectures, and comment on the impact these price fluctuations would have made when Pershing Square decided on a hedging strategy, and I had forwarded on this plan to my teammates. However, soon after starting the assignment, I encountered limitations performing this kind of analysis due to limited access to the historical data I needed. After consulting with my tutor, I found a compromise by adjusting the analyses, but I failed to effectively communicate this to my teammates, who were responsible for writing the report.

**Effect**

My lack of communication had significant consequences. I had assumed my teammates would interpret the analyses as I had presented them in the exported Jupyter Notebooks, but this assumption was misguided. When I reviewed the report just days before the deadline, I realized their understanding of my work was incomplete—several sections were left unfinished, waiting on analysis I hadn’t completed due to data limitations, and some figures were misinterpreted. This realization led to frustration and a heightened sense of urgency, as we had to make last-minute corrections just hours before the submission. I felt accountable for the miscommunication, recognizing that I hadn't provided the necessary guidance to help my teammates grasp the nuances of the quantitative analysis.

**Action**

In retrospect, I could have taken more proactive steps to ensure clearer communication. I had touched base with the team periodically, but I should have written detailed notes about the observations and trends from my analyses. These notes could have guided my teammates in interpreting the data correctly. Instead, I expected them to draw the same conclusions from the raw data and figures without providing the necessary context. Moving forward, I made a strong effort to help fix the misinterpretations in the report and contributed to reworking the analysis section in the final days before submission.

**Learning**

From this experience, I learned the importance of ongoing communication and collaboration when working in a team. It’s not enough to complete your own tasks in isolation; you must ensure that your work is understood by others, especially when they rely on it for their parts of the project. Going forward, I will prioritize communicating my findings clearly and consistently, ensuring that my teammates are aligned with my work. This experience has taught me that effective collaboration requires more than just performing your role—it requires sharing knowledge and ensuring a mutual understanding of all contributions.