

School of Mathematics and Statistics
Applied Data Science (MAST30034)
Team Review and Self Reflection

Due date: 28th of October at 2359 AEDT

Student Name: James La Fontaine
Student ID: 1079860
Group Number: 35

October 19, 2023

Team Member vs Effort

Student Names	Amount of Work Contributed (100%)
James La Fontaine	20%
Dulan Wijeratne	20%
Harry Fisher	20%
Jack Olivier	20%
Nivethan Iyer	20%

Team Review and Self Reflection

- **What you gained and learned from Project 2**

Throughout the process of completing Project 2, I can say that I have gained valuable experience in relation to working on a relatively large and longer time frame project within a team. I learned the importance of constant communication within your team to ensure that everyone is always on the same page and the project runs as smoothly as possible. I also learned more about how to split a workload between a team in the fairest and easiest way to avoid any disagreements, conflicts, or slowing down of progression. This project also allowed me to see the importance of using planning tools (e.g. Monday.com) to document the work that needs to be done and document who has been allocated that work. Its also safe to say that this project taught me how much easier life becomes when you have a larger team helping you tackle data science projects as opposed to doing it solo like in the case of Project 1. In terms of data science related experience, this project introduced me to an idea which I didn't have much experience with before which was using a ranking model to rank some form of data. I also gained more experience with data preprocessing and now feel better equipped for future data science projects.

- **How you communicated and made sure everyone in the team worked together**

We all decided to perform most of our communication through Facebook Messenger and Discord due to their convenience and the fact that everyone was already familiar with them. We used Messenger whenever we had to let another member know about anything suddenly or whenever we had any questions, and everyone was very active within this group chat. We also used Discord for weekly meetings outside of the tutorial to track how we were progressing through the week and also to give us an easy way to screen share when required. We decided to use Monday.com as a way to plan the weekly sprints as laid out in the project spec, and within the board we created we would simply document different tasks that had to be done each week, who would complete those tasks, and specific due dates if applicable. We obviously communicated a lot during our weekly tutorials as well, and would generally use this as our main time to plan out who would be doing what for the week.

- **Any issues that came up in the team discussions and how they were resolved**

Something that we initially thought may prove to be challenging was the distribution of workload between everyone in our group over the weeks. We started to have a pretty good idea of how we were going to split up the work at the start of the project at a high level, and so it was a very straightforward process deciding who to give the work to each week once this was figured out. We also would generally alternate between who would do work over the weeks, so for example if someone had not done much or anything at all for a week or two, then they would be given more work in the following weeks. There were occasional problems with organising the GitHub and making sure that we wouldn't overwrite each others work or get in the way of each other, but by communicating with each other and the use of branches for each member near the start of the project, this quickly became a non-issue. Any misunderstanding over what work had to be done and whether a person's work was sufficient for the task assigned was resolved quickly with communication.