Yaan Tu

MTH220

Prof. Baumer

Group Dynamic Report from Yaan Tu, Group G

Overall, my teammates and I work together harmoniously and efficiently. We all enjoyed the process of tackling problems together. Xi and I both put a lot of effort into the search for proper data sets, which was very time consuming yet rewarding because our goal is to find a meaningful and innovative one and we treated the project as an important experience. I found the TAKS data set on infochips after having browsed over 50 pages of data sets on different website. Xi also found many interesting ones but we eventually decided to use the TAKS one. Wenxin seemed to be more occupied in her other classes thus she participated less in our meetings. We encountered many problems when trying to open the data set, which sized over 700MB and was in a very messy form. Both Xi and I reached out to our professors for suggestions and we were eventually able to slim down the data set and create a very tidy .csv file. Xi and I had numerous meetings during the following weeks to discuss the regression model and its interpretation. Wenxin was not particularly involved up until this point and she seemed again very occupied by other classes. Because she missed many of our meetings, it took us quite a bit of time to explain to her what we did. I really appreciate Xi’s effort and time commitment because I understand that she has a lot of work from her engineering classes as well. I have a lot of homework too but I am genuinely interested in problem solving and believe that good time management can always create spare time.

All three of us worked for our presentation and presentation handout. We had a good mostly equal division of labor.

We worked together on our technical report and all three of us divided our workload mostly evenly. However, Wenxin’s part seemed the least carefully written and often contained broken sentences and unclear explanation so eventually I had to do a lot of revision for her. Xi was very concise and holistic in her analysis and made the whole process a lot more efficient. Xi also took charge of a lot of the code-writing. After we’ve all finished out parts, I synthesized the individual reports we had and revised it to make it flow better. I also did the formatting for the R markdown file. In a last minute meeting, Xi and I discovered a point that we did not think of previously so we spent a few while trying to figure it out and add it into our final technical report.

Percentage of the total amount of work/effort done by each member:

40% for Xi Jiang, 40% for Yaan Tu, and 20% for Wenxin Zhang.