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HUDK 4050

Dec/21/201

HUDK 4050 Reflection Essay

This semester is my first semester in TC. There are many challenges for me coming to a new environment. I'm trying to adapt to TC's learning pace. I choose HUDK4050 because it is a required course, and I hope to learn basic data analysis knowledge. I didn't have any programming background before that. It was also the first coding-related lesson of my life. At the beginning of the semester, I just wanted to get good grades. However, with the progress of my study, I found the charm of data analysis and realized lines of cold data can be brought to life with simple code.

This semester I learned basic code skills through ICE Assignment. I learned how to use Rstudio to import data while adding more functionality through Package. For example, I use' read'to read data, and Filter Function to Filter out data that I don't need. Use the GGplot package to visualize my data and make it easier for the audience to understand the analysis results I want to express. The most exciting part of this lecture for me is making sure that your data analysis makes sense. Life is full of junk data, and we have to find points and topics worth analyzing. In the end, I understand the meaning of EDM and apply it in our life. The skills learned in this class will also directly benefit me in my future career development. Of course, this was a harsh lesson for me; as I mentioned in the last paragraph that I didn't have any codebase. This caused me to feel difficulty and frustration in the first month after the course started. It would take me two days or more to write code that someone else might write in two hours. However, thanks to the help of my classmates and my spare time, I use continuous practice. As a result, I finally understand how to conduct fundamental data analysis.

Today is the last day of this term. I think I have accomplished all the objectives of this section (including passing with good grades, understanding basic data analysis skills, etc.). This class also made me interested in code. R is like the new generation of the human language. Knowing the language will also give me a head start in the future. Furthermore, the Group Project also gives me a lot of inspiration. Our group is not necessarily the strongest, but we will be the most efficient if everyone is in the proper position. It is also true in the R language. Finally, let's talk about my future career plan. I still want to be an entrepreneur, and this class has made me better understand this field of data. In the future, the metaverse is bound to become a trend. Knowing the data will allow me to catch trends in the future. In the end, I would like to thank Professor Lucas for his guidance this semester. Have a good rest! Merry Christmas!