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Reflection

In this assignment, I learned how to properly load the CSV files. This allowed me to get an output from the data and code I ran. I was also able to load the necessary data functions so that the information could be displayed. I was also able to use functions to filter the right data by using the right column headers and creating the right graphs to display the data. I created new databases for the last section so that I could create a function based on the school analysis.

The most challenging part of this assignment was dealing with the column heads and figuring out how to sort them. I had to rename them in the beginning of my code so that they could easily be identified when the code ran. I used the pd to numeric function so that the columns were numeric types and that there was data consistency. I also struggled a bit when I ran the code because there would be specific errors. To fix this, I looked at the bottom of the error to see where it was located and could rewrite the code.

For future use of the skills I learned from this in real-life scenarios, it would be helpful for different kinds of statistics. This could be used in other sports aspects for player and shooting analysis. In healthcare, this could be used to sort patient data with their past hospital visits or even medicine categorization. In business, the code could be used to look at customer behavior and performance analysis. This assignment prepares me for future data assignments because I was able to apply my knowledge of certain functions to extract the right data and learn how to integrate that with the Pandas import.