

What did you learn about working with CSV files and pandas DataFrames in this assignment?

- I was already familiar with Python, but this assignment was a good review of Pandas. I learned more about how to filter, manipulate, and analyze data using functions like **idxmax()** and **nlargest()**. I also got a better grasp of creating scatter plots and bar charts using matplotlib, which I hadn't done much before (except in R). These skills will hopefully be useful for future data projects where I need to work with large datasets.

What was the most challenging aspect of this assignment, and how did you overcome it?

- The most challenging part was dealing with the initial CSV import because the file had an extra header row. At first, for some reason I tried to skip it like I would in Java using “**reader.readLine()**”, but I figured out how to properly skip rows with **skiprows** in pandas. For the bonus task, I had to look up how to make scatter plots in **matplotlib** (sources are cited by comments).

How do you think the insights gained from analyzing ACC basketball statistics could be applied to other real-world datasets?

- The techniques I used here—filtering data, finding correlations, and creating visualizations—can easily apply to other fields like business, healthcare, or finance. Whether analyzing sales trends or patient data, these same methods help in drawing meaningful conclusions from any dataset.