

In this assignment, I learned useful skills for working with CSV files and pandas DataFrames. The main skills I learned were reading CSV files, data cleaning, and filtering rows based off specific conditions. I also learned how to use operations, like calculating totals and finding maximum values. These are important skills for extracting relevant data from large datasets like this one.

The most challenging part of this assignment was dealing with data inconsistencies and missing values. I overcame this by using error handling to handle non-numeric values, and using `dropna()` to remove rows with missing values in needed columns. I found a lot of difficulty finding the needed functions for these processes, and it took me a long time to figure out which ones worked best for what I needed to do.

The insights I gained from analyzing ACC basketball statistics can be applied to multiple real world datasets. For example, in business analytics, we can analyze using similar methods here against sales data, customer metrics, or financial information to identify top performers and trends. In healthcare, we can use similar skills to analyze patient data or treatment plans, which would give doctors valuable insights and improve overall patient care. Overall, this assignment has helped prepare me for future data science problems by developing skills in data manipulation and analysis.