Derek Ng
Robert Domanski
CPS*3320*01
Mar 1, 2023

For my project, I conducted a statistical analysis of NBA players, specifically the points per season for the NBA starting Warriors players. To obtain the necessary data, I used the official ESPN stat site, which tracks all players in the NBA. My research hypothesis was to determine whether the career averages of players on ESPN's website were correct by calculating their average points per season based on the data I obtained. However, I discovered a potential issue with the accuracy of the data on ESPN's website as their numbers were rounded to the nearest tenth decimal place, whereas my calculations gave me the exact number with multiple decimal places.

To begin my analysis, I used the pandas library to import the data and created a dictionary of the players' names and their respective points per season. From this data, I constructed a dataframe, which allowed me to calculate the career average points per player. I then printed the career points and career points average for each player.

Ultimately, my hypothesis was supported as the career points calculated by me were the same as those reported by ESPN up to the tenth decimal point. However, my calculations provided more precise career average points due to the fact that I did not round the numbers to the nearest tenth decimal place.