# PS4

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## 1 Problem 3

The data that I scraped from a table was from NCAA softball's web page with statistics on individual batter data. I'm wanting to start doing different analysis and visualizations with softball data as I have not seen any prominent creators/analysts in the field doing softball analytics at a high level. I didn't use any tutorials to scrape this, it was pretty straightforward.

## 2 Problem 4

For this section, I used the the SoftballR package that was recently released by tmking02 (available here: https://github.com/tmking2002/softballR). This data is particularly interesting to me because in scraping the play-by-play data, I realized that the data contains pitch coordinates. An idea I had with this was to create heat charts for OU's softball team especially as we get further and further into this season. It would potentially even be more useful from a team perspective to know other teams heat charts than OU's own. There is also some data on hit coordinates, but a large number of null values so it wouldn't be as useful. The only resource I used to help use this package is the documentation available at the link I mentioned earlier.