Fantasy Basketball Draft Optimizer
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July 24, 2020
CS510 - Explorations in Data Science
Dr. Kristin Tufte

Midpoint Report

Date / Time of Scheduled Midpoint Meeting with Professor:
2pm, Wednesday, July 22, 2020

Updates on Project Objective:
The object of this project has been contracted slightly since our discussion during the midpoint meeting with the professor. In our original project objective, we had intended to create a program that will assist with fantasy basketball drafting, including a potential website where you could use this application. However, we decided that the scope of the project was too large and that we should limit it by focusing on the data elements of the project more closely. We have therefore decided to focus on creating the algorithm by which we would measure the players and assist in the fantasy basketball draft, with a program and website no longer included as part of the final project outline, but will remain as potential options once we feel confidence in our algorithm and have extra time.

Updates on Project Approach:
In light of the changes to our project objective, our project approach has also changed accordingly. We have refocused our efforts on the algorithm and so our process has adapted. We are incorporating documentation to our algorithmic work in order to better understand and keep track of our process and put it down to paper. Our approach otherwise has not changed, with our data set, our intended implementation language, and group dynamics remaining the same.

Updates on Team Structure:

There have been no major updates to our team structure and the project remains a chiefly collaborative process with much discussion and pair programming if necessary. The team consists of Santiago and MacKenzie and the project is still divided evenly between the both of us. We have allocated Sundays at 4pm as our primary remote meeting time with Monday and Wednesday nights around 9pm as optional meeting times should they be necessary.

Updates on progress with respect to Project Milestones from the Project Plan:

1. ~~Design the algorithm and test it conceptually. By July 17th.~~ ***DONE***
2. Implementation of the algorithm in Python. By July 31st.
3. Create an interface for interacting with the algorithm. By August 6th.
4. Finish up the program and run it through some tests. By August 14th.
5. Prepare the presentation of the project. By August 6th.