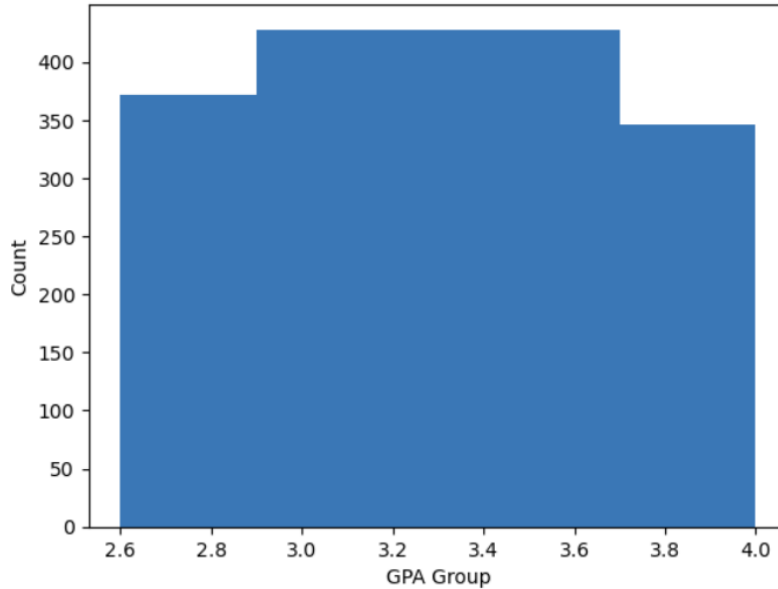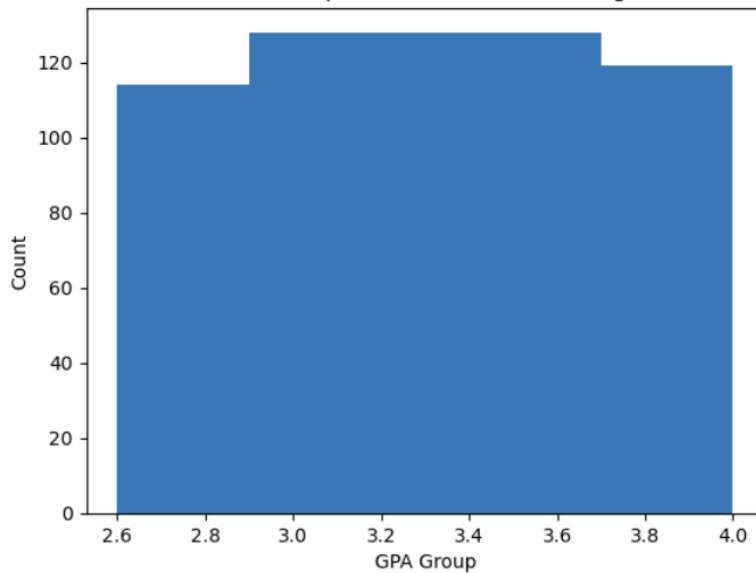# BU Athletics: Team-B

What have I worked on?

Distribution of GPA Groups for students who did not change their majors

Distribution of GPA Groups for students who changed their majors

We have finished working on the baseline questions that BU Athletics has requested from us and plan on having new branch-off questions ready for our team to explore by checkpoint A.

Shangzhou did a little of that right after presentation - We extracted the GPAs of students (number of students : 466) who changed their majors during studies and students (Number of students: 1522) who did not change their majors during studies to see whether they changed their majors because they had low GPA in their previous majors or not. Besides this, we also made two bar plots for visualization (shown above). In the next step, we will explore the correlation between students who changed their majors with other features like country.

What will I be working on next?

We finished answering the baseline questions that BU Athletics has asked from us by the first deliverable and presented them. These questions are not too complicated and many of them only involve more basic statistics (mean, average, range, min, max). After answering all these questions we are going to meet/brainstorm as a team more complex questions that may involve some of the data science models we have worked on. Furthermore, we can use some external data to draw deeper insights into the interplay between externalities and academic performance, or even how academic performance translates into athletic/team performance. For that we might need a csv file of relevant data from past seasons for each sport. We have to ask BU Athletics/our TPM for that since that data is internal. We can/will try to compile data outside of BU (e.g. education disparity among regions)

Have I run into any issues? Do I need help?

No issues for the team. We have been working on individual questions and contributing to our branch on the github repo with the questions we have been answering and getting plots for. We have been working well together.

Team Lead: Have I talked to the client recently? When are we meeting with them next?

I talked to Matthew, our TPM, on slack since he was not available at the lab. He was satisfied with where we were at in the project. Next week we plan on discussing more about the 'branch-off' projects that our team is going to be working on next.