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Both as a cultural stigma and a personal testament, it is believed that college students stay up all night and receive very little sleep on a regular basis. It's also generally accepted that more sleep makes for a healthier, happier life. I want to collect data about the sleeping habits of college students, broken down into groups by major, gender, and GPA range. I will then use statistical analysis to attempt to draw a conclusion that shows correlation between sleep and academic success.

All of the data I will be using will be collected from Georgia Tech students. Therefore, in this case, GT students will act as the population. The students I receive input from will be the sample. I will be looking to find the normal time each student goes to sleep along with when they wake up, as well as each student's major, year in school, gender, and GPA. The goal will be to break down the correlation between sleep and academic success by each group. In order to do this, I will look at the data and calculate the 5 number summary of sleep time and see how this lines up against the GPA.

In order to get all of this data I will create an online Google form for students to fill out. I will post this to student facebook groups and ask them to fill it out for a student survey. I will also conduct an in-person study in the Student Center and around Tech Green. I expect that across all groups, the average GPA will increase with average time spent sleeping. I also generally expect that males and engineering / CS majors will have significantly lower sleep times than females and non-engineering / CS majors.