
ISyE 2028 – Basic Statistical Methods - Fall 2015
Bonus Project: “Big” Data Analytics
Proposal (or Final Report)

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The relationship between alcohol abuse and college GPA

We cannot talk about college life without party culture. Many students go out on weekends and become binge drinkers. This is a serious problem throughout the American colleges because students who drink a lot usually don't study hard and cause problems on campus. However, some students assert that partying and drinking are needed, as they have to get rid of stresses from school lives. Since I've seen many friends who do well on their academic works though they go out and have fun every weekends, I've decided to do some research on the relationship between alcohol abuse and college GPA.

I'm going to collect professional data about college drinking and alcohol abuse on the Internet. To collect more tangible data, I'm going to put survey on the website for Georgia Tech class of 2018. These questions will be on the survey.

1. How many times do you go out per week?
2. Do you drink every time you go out?
3. How much do you drink when you go out?
4. Have you ever thought your alcohol consumption affects your school life?
5. Have you ever had study problems because of hangovers?

(More questions can be added)

After collecting all data, I'm going to analyze them using the most suitable methods that I learned from ISYE2028 class and compare the result of survey agrees with other studies and research on similar topic.