

1. Thought process
 1. I wasn't sure at first how to compare the popularity between the sports, but I started gathering data for the attendance of the games. I found that the information was not available for lacrosse. I was going to incorporate the student population per school, but that did not lead me to anything. I also was going to add men's vs. women's, but that would be too much.
 2. I finally decided to do the sport by region. I went online and found a regional breakdown from the census from the government.
2. Step by step
 1. I chose all schools that were listed on the NCAA website. I randomized it to choose every 5 schools. Once chosen, I went on each school's website to determine which sport (lacrosse or soccer/men's and women's) they had offered.
 2. I then located which state each school was in, and broke down the total of each sport was offered in that region based on the schools.
 3. Some schools did not offer either sport, and but I did include those in my totals. Some schools only had mens lacrosse, not women's, and I did not include those.
3. Article
 1. Per the NY Times article, lacrosse is definitely growing more than football or baseball. I did not realize that it was more popular in the east more than it is in the west.
4. Extract back data
 1. Not enough data was collected for my project. I was really hoping to compare each sport by attendance, as mentioned last week.
 2. However, the attendance information was not available for lacrosse games from multiple schools. I had to switch gears and do by regions. It is the best I could do with a busy week I had. It was pretty useless when comparing the mean, standard deviation, etc., but it was interesting to see that lacrosse was a sport mainly on the eastern side of the US, where as soccer is more nation wide. I think I was surprised by that the most.
5. Letter to future DAT-102 students
 1. I had a hard time thinking of a topic, and also how to compare my topics.
 2. Do not wait til the last minute!
 3. If attendance is available for lacrosse games, it would be nice to complete my project!
 4. Bias comes from me playing soccer for about 14 years as compared to only 2 years of playing lacrosse, this made me think soccer was more popular.

"Active Members." *NCAA Directory - Directory - Member Listing*, web3.ncaa.org/directory/memberList?type=1.

Drape, Joe. "Lacrosse Casts Its Net Farther From the Coast, and Pulls In New Recruits." *The New York Times*, The New York Times, 4 May 2018, www.nytimes.com/2018/05/04/sports/lacrosse-ivy-league-growth.html.

US Census Bureau. "Regional Offices." *The United States Census Bureau*, 12 Mar. 2020, www.census.gov/about/regions.html.