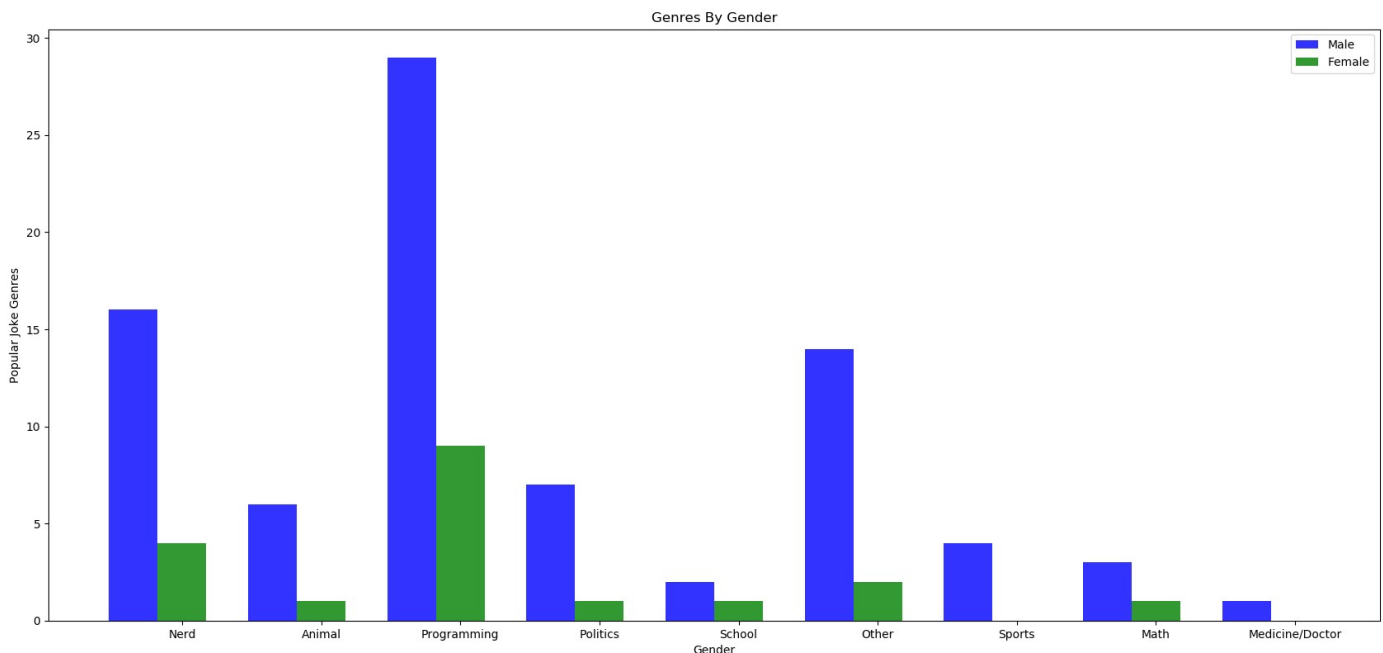


Analysis Of Most Popular Joke Genres By User Features

Note about my python code: Each of the plots seen here are generated by a written function. In order to execute the functions to generate these plots, uncomment the function calls below each function. It is also worth noting that for the code to work, I manually removed the top row with column names from the data file – along with all rows with empty data values.

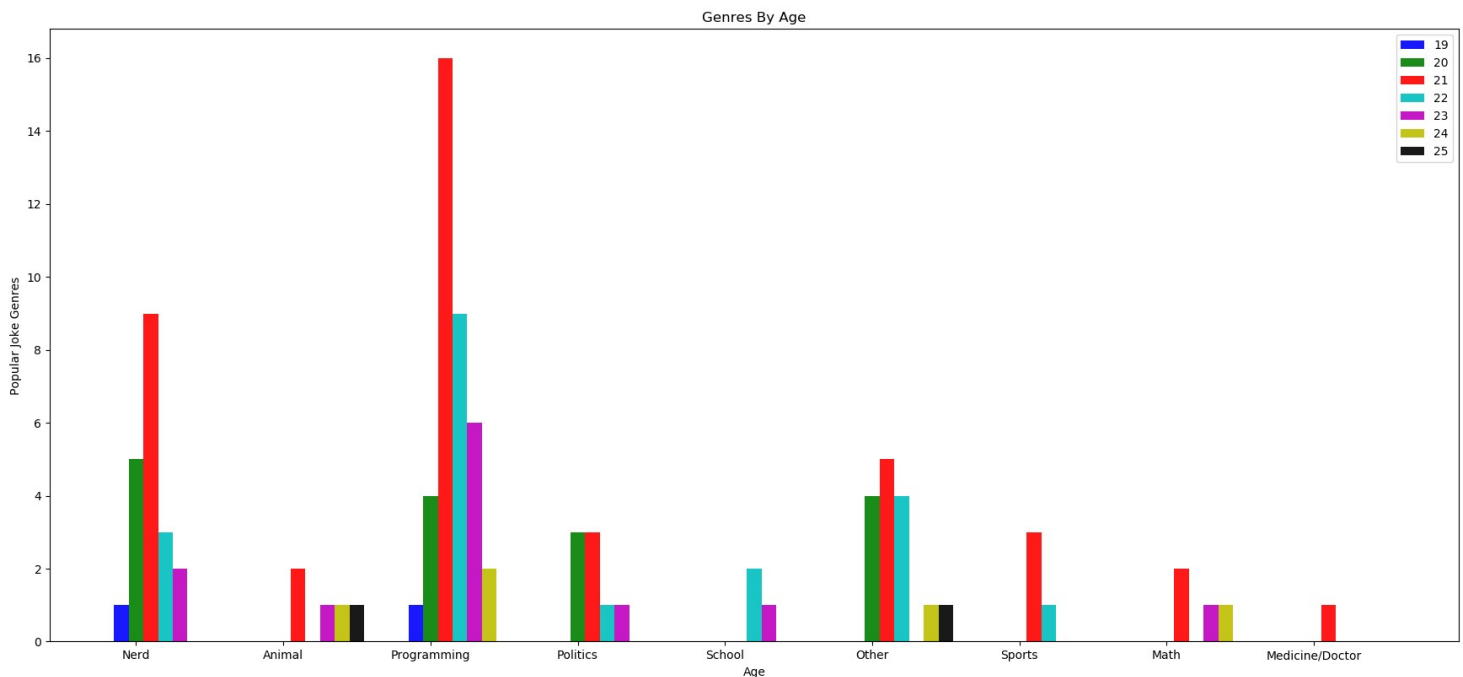
In order to analyze the popularity of joke genres compared with different categories of user attributes, I created bar graphs for each feature that I found easy to analyze and compare. In these graphs, I would plot the popularity (amount of users who made a certain genre their most preferred joke genre) of each genre, and for each genre, I also plotted separate, different-colored bars to represent each different user feature being compared. The user categories that I plotted the popularity of joke genres against are: gender, age, major, and preferred joke category. These are my findings.

When examining the most popular joke genres according to gender, it is clear that for both, males and females, the joke genre of programming is overwhelmingly the most popular for the users in that category – more than twice as popular as the second most popular genre for both genders. For both, males and females, the nerd genre is the second most popular genre. These facts indicate that across the board, our class identifies their humor with their personalities as science-focused university students. (Note: the y-axis on the following graph should be titled “Popularity of Joke Genres”).

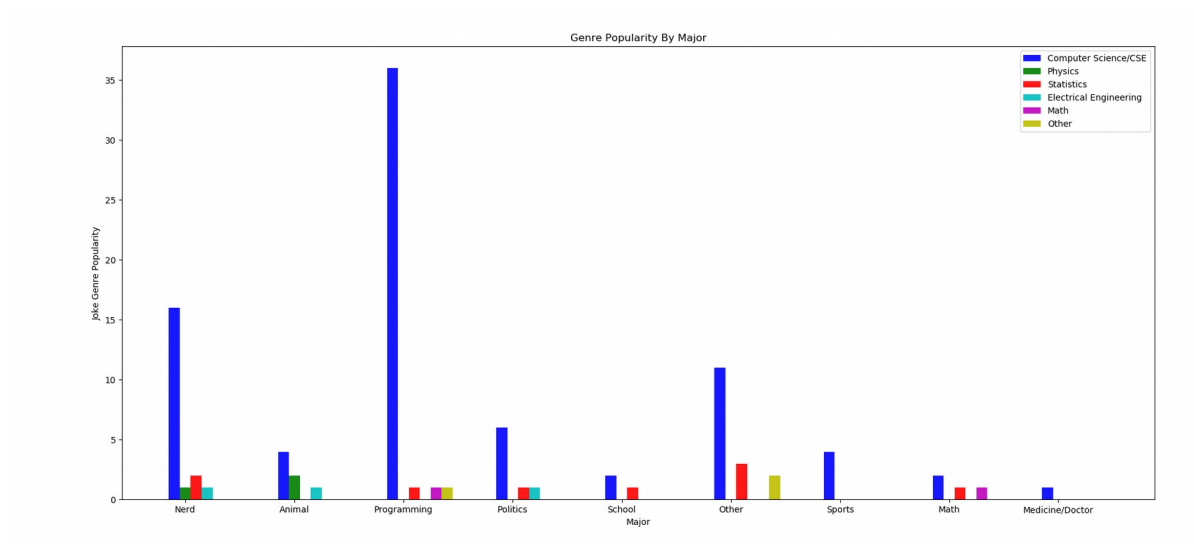


When comparing the popularity of joke genres by the class ages from 19-26, once again it is clear that almost across the board of different ages, people in our class find the most preference in programming humor. However, there are just two age groups for which this is not the case: 19 years of age and 20 years of age. For 19 year-olds, the programming genre is actually tied with the nerd genre while for 20 year-olds, the nerd genre is actually most popular. While there may be several explanations for why the youngest 2 age groups in our class are more drawn to the nerd genres while the older students are very

drawn to the programming genre, one might assume that this phenomenon is attributed to the fact that the younger students might not have had as much time to grow into their identity as specific computer science majors compared to the slightly older ones. Thus, they would be open to a more general form of academic humor such as the nerd genre.



When comparing joke genres by user majors, this comparison is obviously the one that makes it the easiest for observers to clearly distinguish between the groups of people most interested in the programming genre and those that aren't. As one would definitely expect, computer science majors are vastly drawn to the programming genre, since that humor directly speaks to their experience. As for the other majors, physics and electrical engineering students are drawn to animal and nerd humor, the statistics students are drawn to other genres of humor, and math students are predictably drawn to the math genre.



I then compared the popularity of joke genres by the preferred user joke category. I found that similar to previous examples, almost across the joke categories, the programming genre proved the most popular. However, there is one category of jokes that people preferred that didn't correlate to those people finding the programming genre most popular: the one-liner category. Users who liked one-liner jokes the most seemed to be drawn to the nerd and other genres just as much as they were to the programming genre.

