Stereotyped or Not
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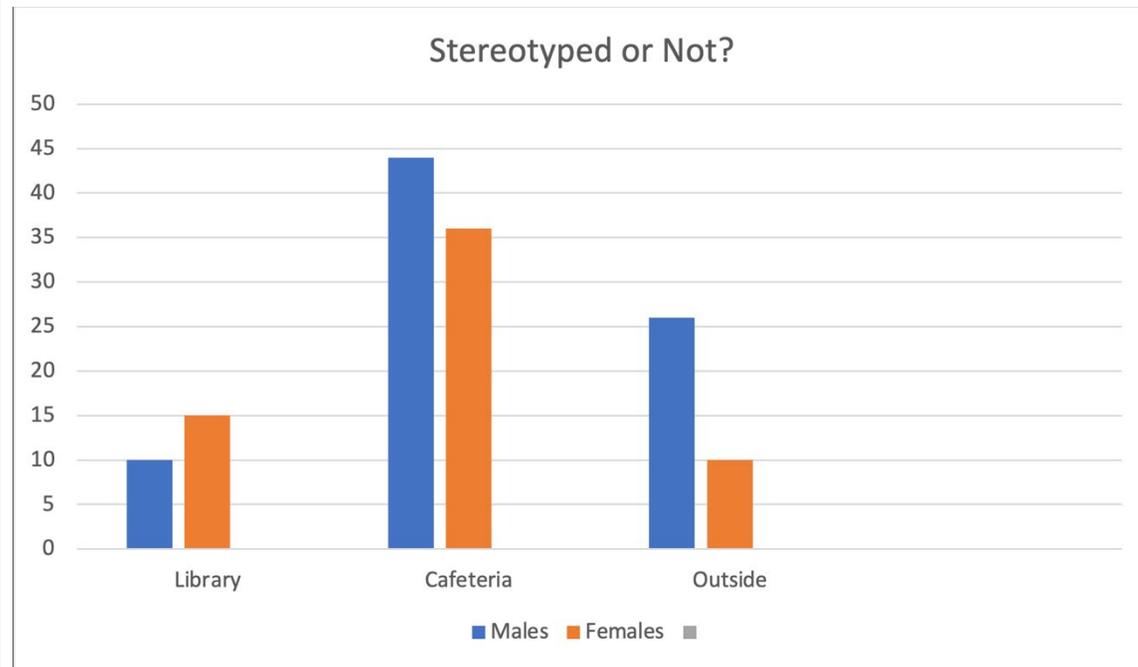
Q1: Research Question/Engineering Goal

- Which places will have more girls than boys? Boys than girls?

- Will there be places that will be 50/50?

- Are there places that will go against stereotypes?

Q3: Data Analysis & Results

Location	Number of Males	Number of Females	Total Number of people	% of Males	% of Females
Library	10	15	25	8%	14%
Cafeteria	44	36	80	35.2%	20.5%
Outside	26	10	36	21%	6%

Q2: Methodology/Project Design

1) Decide where you will go to collect your data. You would need to use a data table to keep record of your results.

2) Go to the locations, you decided to use. Then start counting the numbers of boys and girls you see.

3) When you are done, you will need to count your data. Put the information into two categories: male and female. Add up the total of people you saw.

4) You would express your results as a percentage. This way, if you observed more people at one place than another, you will still be able to compare your results. To calculate percentage, divide the number of females/males by the total number of people in that location and multiply your answer by 100.

5) Now put the data you got into a graph. Put a percentage scale on the left side of the graph (the y-axis) from 0-50. Draw a bar for each gender from each location to the correct percentages value. Now analyze your results by looking for gender bias. What did you find?

Q4: Interpretation & Conclusions

My hypothesis was that there will be places that will be 50/50 than having more than one gender there. My results did not support my hypothesis because there were no places that were 50/50. They had more of one gender than the other. I think my experiment went smoothly and I had no problems.