**ASSIGNED QUESTIONS**

1. **Is the proposed Question clear? Why or why not?**
2. **Does the remainder of the project appear feasible and likely to yield interesting results, in light of the initial investigations? Why or why not?**

**Second:**

**“Determining a potential correlation between crime rates and sport facility availability”**

Q1.

While the domain and subject matter of the report are very clear, there is no obvious question stated. This could be improved by presenting the intent to identify the specified correlation as a question. Additionally, the suggested ways in which the results of the study could be used is fairly vague, and an explanation of how correlations between crime rates and sport facility availability would help the State Government could strengthen the report.

Q2.

Including line graphs in the visualization stage was a good way to demonstrate to the reader any potential correlations and trends. The Pearson correlation of -0.307 found between crime by population and sport by population, while not very strong, does suggest that a correlation exists. This is successfully identified, and makes the remainder of the project seem more feasible. The scatter plot, however, could have been analyzed in more detailed, since there is a lack of explanation as to how this visualization impacts the investigation thus far. Overall I found the report to be well written, with visualizations that made sense in this context, and results that seem likely to yield interesting results.

**First:**

**“Does Socioeconomic Status affect choice of sport in Victoria?”**

Q1.

Yes. I found that stating the question clearly in the first paragraph, after giving a concise sentence of background information on the area of investigation, helped me identify the subject of the report quickly. However, I felt that the domain of the study could have been made clearer at first. The proposed question was changed slightly at the end of the report to incorporate a larger scope of investigation, and I felt that including this information at the start of the report would have strengthened the report by making the final question clearer to the reader.

Q2.

The explanations of how the findings of the research could be used, as well as how it is innovative do give insight into how the results yielded would be interesting. Using Pearson correlations as a way of demonstrating the feasibility of this research was a good choice, as it shows how simple initial investigations can be indicative of how well more in-depth future investigations will pan out. Mentioning the use of boxplots and clustering with the VAT algorithm to visualize the data and find outliers was good, however, including these methods visually would make the results and their implications clearer.