Statistics Project Rubric

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|  | **1** | **2** | **3** |
| **Quality of Survey Questions** | Poorly worded. Is biased. Incomplete. Irrelevant options. Contains 2 or less options. Question serves no purpose. Format is not appropriate to the question. | Lame question. May be biased. Only contains 3 or 4 options. Format is not the best choice. It is not clear how to answer the question. | Worded without bias. Survey has 5 possible relevant options. Question serves a purpose. Format is appropriate to the question. |
| **Sample & Population Selection** | The sampling technique selected is inappropriate to the question, and the population surveyed. Your selection is poorly justified. | The sampling technique selected is appropriate to either the question, or the population surveyed. Your selection is partially justified. | The sampling technique selected is appropriate to the question, and the population surveyed. Your selection is adequately justified. |
| **Data Collection Method** | Inappropriate population selected. Summary of raw data is present. Explanation of process was unclear and/or too messy to read. | Some of your data was collected in an appropriate manner – appropriate technique or population. Raw data is tallied and is presented. Explanation is partially complete and legible. | Your data was collected in an appropriate manner – appropriate sampling technique and population was selected. Summary of raw data is tallied efficiently and is presented clearly. Explanation is clear and legible. |
| **Presentation of Findings** | Incomplete. Your chart or graph is not clearly labeled and is difficult to read. Information does not match the raw data collected. Visually unappealing. | Complete, however your chart or graph is not clearly labeled or easy to read. Information may or may not match the raw data entirely. | Your chart or graph is clearly labeled and easy to read (neatly formatted). Information matches the raw data collected. Visually appealing. |
| **Summary / Conclusions** | Incomplete or poorly stated. Doesn’t make sense (doesn’t match the graph/raw data), messy. Interpretation of results includes bias. Visually unappealing. | Makes some sense and is organized in some way and contains little bias. Information matches the graph and/or raw data.  | Makes perfect sense and is neatly organized and contains no bias. Information matches the graph and raw data. Visually appealing. |

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