**Student Name
Project 1: Student Survey Report
Final Paper**

**Abstract**

A brief summary of the research. Normally has a sentence about the purpose, what was done, what was found, what it means. This should be 4-6 sentences total.

[**Introduction**](https://richland.instructure.com/courses/2570299/assignments/23197847)

For this project, it should be a brief one-paragraph (4-5 good quality sentences) explanation of (1) what the purpose of our research and (2) what you hoped to find/learn from doing this project.

[**Methods**](https://richland.instructure.com/courses/2570299/assignments/23197847)

**Participants**

Who was the data collected from? As part of this make sure to provide the (1) exact number of people who participated in the survey and (2) some general demographic information.

For demographic information give the count and percent for the following variables: Gender, Student Status, Work Status, Parent, Generation.

**Materials**

What materials were used to conduct this study? (Hint, it was a survey in Canvas.)

What was on the survey? This is where you provide the full Data Dictionary for Project 1.

**Procedures**

Explain what was done to collect the data and get it into the Minitab file. So how did the Instructor collect and clean-up the data that you are using for this project?

**Results**

**Initial Minitab Analysis Results**

Review and think about the Initial Minitab Analysis results. Were you expecting these results? What surprises or interests you from this initial analysis? What type of research questions (2 or more) could you ask based on this data? *Ex: Do people who work full time exercise less?*

Descriptive Statistics for all numeric data (Minitab output is fine).

Counts for all the categorical data (Minitab output is fine).

[**Simple Data Comparisons**](https://richland.instructure.com/courses/2570299/assignments/23208208)

When writing up the results of each of your three comparisons, make sure to put everything in sentence/paragraph format. It is in bullet points below just to make it easier for you to see what is needed for each comparison.

*Comparison 1*

* Variables used for comparison
* Hypothesis for comparison
* Method used to compare the data
* Minitab output (Boxplot, scatter plot, Table of counts/percents, Bar chart etc)
* State if your hypothesis for each comparison was supported (or not) and what specific evidence you used to make this decision. For specific evidence remember that this is a statistics class so make sure to include any appropriate numbers that help illustrate your findings (Ex: Mean, median, min, max, percentage, etc).

*Comparison 2*

* Variables used for comparison
* Hypothesis for comparison
* Method used to compare the data
* Minitab output (Boxplot, scatter plot, Table of counts/percents, Bar chart etc)
* State if your hypothesis for each comparison was supported (or not) and what specific evidence you used to make this decision. For specific evidence remember that this is a statistics class so make sure to include any appropriate numbers that help illustrate your findings (Ex: Mean, median, min, max, percentage, etc).

*Comparison 3*

* Variables used for comparison
* Hypothesis for comparison
* Method used to compare the data
* Minitab output (Boxplot, scatter plot, Table of counts/percents, Bar chart etc)
* State if your hypothesis for each comparison was supported (or not) and what specific evidence you used to make this decision. For specific evidence remember that this is a statistics class so make sure to include any appropriate numbers that help illustrate your findings (Ex: Mean, median, min, max, percentage, etc).

**Discussion**

Provide a brief summary of whether each of your comparison hypotheses was supported or not. Did you expect these findings or were you surprised by any of your findings? Explain why you think these results can or can't be generalized out to the larger population of students at Richland. What about other Colleges? Play critical thinker and try to address any potential issues someone might bring up against your report based on the methods of how the data was collected and the sample population. [Hint, think about what you learned from Discussion 4: Methods of collecting survey data.]

This paper needs to be in full sentences/paragraphs. Do NOT use bullet points. Headings need to be included and should be in bold.

**References**

For this paper, you probably don't have any references and that's ok! Just leave this section and page out of your paper.

**Appendix**

For this paper, you can decide if you want to put some of the Minitab output and/or data dictionary in an Appendix or keep it in the body of your paper. Either way is fine, but if you use the Appendix, make sure to refer the reader to the Appendix as needed and make sure to label everything. Ex: Appendix A, Appendix B, etc.