Scoring Rubric (Project Two):

Name:_____

Use this guide to determine if you have met all of the requirements and to what level you have met them. The project is worth 120 points. I will use this rubric to grade your project.

Section	Points	Minimum Completion	Description of Partial Completion	Description of Good Work	Description of Excellent Work
Slide 1: Statistical Question	4	The question is vague and is not stated in a "relationship between" format. (1)	The question is vague, but is stated in a "relationship between" format. (2)	The question is clear and is stated in a "relationship between" format. (3)	The question is detailed and is stated in a "relationship between" format. (4)
Slide 2: Description of Population and Samples	4	Population or the sample (or both) is described vaguely. The sample size is missing. (1)	Population or the sample is described vaguely. And, the sample size is included. (2)	Population and the sample are described clearly. The sample size is included. (3)	Population and the sample are described in detail. The sample size is included. (4)
Slide 3: Description of Data	8	Data is incorrectly defined. (2)	Data is defined but there are errors. (4)	Data is defined but not explained well. (6)	Data is welled defined and explained. (8)
Slide 4: Sampling Technique and Data Collection Procedure	16	Used a Convenience sample. (1)	Used a non-probability method. (2)	Used a probability method. (3)	Used a probability method and described why that was used. (4)
		Did not describe how the sample was chosen . (3)	Errors in the description of the sampling technique. (6)	Adequately described how the sample was chosen. (9)	Described in detail how the sample was chosen. (12)
Slide 5: Data Table	4	Data is not included. (1)	Insufficient data is presented. Data is presented, but not in a table format. (2)	Sufficient data presented. Data is presented in a basic table format. (3)	Sufficient data is presented. Data is presented in a well-formatted table. (4)
Slide 6: Scatter Plots with Line of Fit	4	The scatter plot was incorrect. (1)	The scatter plot was correct, but the line of fit is missing. (2)	The scatter plot was correct, but the line of fit is incorrect. (3)	The scatter plot and the line of fit are correct. (4).
Slide 7: Description of Correlation and _R_	12	Value of R is missing. (1)	Value of R is incorrect. (2)	Value of R is correct. (3)	Value of R is correct and well formatted. (4)
		Didn't describe the correlation of the variables measured. (2)	Gave a minimal description of the variables measured. (4)	Described the correlation of the variables measured. (6)	Described the correlation in detail. (8)

Subtotal:_____ **/ 52**_____

Section	Points	Minimum Completion	Description of Partial Completion	Description of Good Work	Description of Excellent Work
Slide 8: Equation of the Line of Fit and R^2	12	Was missing the equation of the line of fit and the Coefficient of Determination. (1)	Was missing the equation of the line of fit *or* the Coefficient of Determination. (2)	Included the equation of the line of fit and the Coefficient of Determination. (3)	Included a well-formatted equation of the line of fit and the Coefficient of Determination. (4)
		Failed to explain what the Coefficient of Determination tells you about the line and how well it makes predictions. (2)	Incorrectly explained the Coefficient of Determination or how well it makes predications. (4)	Explained what the Coefficient of Determination tells you about the line *or* how well it makes predictions but not both. (6)	Explained what the Coefficient of Determination tells you about the line *and* how well it makes predictions. (8)
Slide 9: Descriptive Statistics	16	The numerical summaries are incomplete. (2)	The numerical summaries have some errors. (4)	The numerical summaries are complete and correct. (6)	The numerical summaries are complete, correct, and well-formatted. (8)
		Confidence Interval is missing. (2)	. Confidence interval is correct but the explanation is missing. (4)	Confidence interval is correct and the explanation is basic. (6)	Confidence interval is correct and well described, relating to the question. (8)
Slide 10: Study Conclusion	10	The conclusion of the study is not supported by the data analysis or graphs. Evidence provided is minimal or missing. (2)	The conclusion of the study is partially supported by the data analysis and graphs. Evidence provided is minimal. (6)	The conclusion of the study is moderately supported by the data analysis and graphs. Evidence provided is adequate. (8)	The conclusion of the study is well supported by the data analysis and graphs. Evidence provided is substantial. (10)

Subtotal:_____ **/ 38**

Presentation Section	Points	Minimum Completion	Description of Partial Completion	Description of Good Work	Description of Excellent Work
Accuracy	10	Many mistakes in delivery (2)	Several mistakes in delivery (4)	Quick recovery from minor mistakes (8)	No mistakes in delivery (10)
Voice	5	Low volume and/or monotonous tone cause audience to disengage (1)	Uneven volume with little or no inflection. Frequent use of "pause" words. (2)	Satisfactory variation of volume and inflection. Little use of "pause" words. (4)	Fluctuation in volume and inflection help maintain interest (5)
Eye and Body	5	No eye contact with audience. Directly read from all the slides. (1)	Little eye contact with the audience. Directly read from most of the slides. (2)	Good eye contact with the audience. Directly read from a few slides. (4)	Excellent eye contact with audience. Does not read directly from slides. (5)

Presentation:_____ **/ 20**

Grand Total:_____ **/ 110**