Research Paper Points Breakdown (50 points)

Introduction
State research objective 2.5 points

Data Description
State data source 2.5 points
Summary statistics 10 points
*At least 3 variables
*At least Mean, Standard Deviation, Median (should also include min, max, and n)
Note: if working with categorical variables, will need to report category percentages instead of mean.
Discussion of at least 1 stat. 5 points
Graphical Representation 5 points

Statistical Analysis
Hypothesis Test 7.5 points
*State null and alternative hypothesis
*State the type of test (z or t)
*State chosen level of significance and critical value
*State the test statistic and p-value (if using the p-value method)
Discussion of results 5 points
*State conclusion (reject or do not reject the null hypothesis)
*Interpret conclusion with respect to alternative hypothesis (There is/is not enough evidence to claim...)
Other Stat./Inference 5 points
*Could be a confidence interval, correlation coefficient or another hypothesis test
*For a correlation coefficient, you must state the variables for which you are calculating the correlation
*For a confidence interval, you must state where your critical values are coming from (z or t distributions) and the chosen level of significance
Discussion/interpretation 2.5 points

*For a confidence interval, you need to interpret the interval

*For a correlation coefficient, you should discuss the implication of your findings

Other

Grammar/Full Sentences/ETC 5 points