MSDS 660

MASS library in R Rubric

Criteria	Exceptional	Satisfactory	Basic	Non-performance
Explanation of data set	Provided exemplary explanation of data set.	Provided clear explanation of data set.	Provided satisfactory explanation of data set.	Did not provide a clear explanation of data set.
Perform pairwise analysis using your selected independent (predictor) and one dependent variable (response). Describe your findings.	Performed analysis correctly without any errors. Provided a well-written description of findings.	Performed analysis correctly with minimal errors. Provided a well-written description of findings.	Performed analysis correctly several errors. Provided a clear description of findings.	Did not perform analysis correctly. Did not provide a clear description of findings.
Perform statistical analysis of linear regression on your selected variables using 5% level of confidence.	Performed linear regression analysis correctly without any errors.	Performed linear regression analysis correctly with minimal errors.	Performed linear regression analysis with several errors.	Did not perform linear regression analysis correctly.
State your hypothesis, test statistics, p-value, and conclusions. Is there any evidence of a linear relationship between the predictor and response variable that you chose?	Clearly stated hypothesis and supporting analysis results. Provided supported response to question with a well-formulated rationale.	Stated hypothesis and supporting analysis results. Provided supported response to question with a well-formulated rationale.	Stated hypothesis and supporting analysis results. Provided supported response to question with a satisfactory formulated rationale.	Did not state hypothesis and/or supporting analysis results. Did not provide support for response to question with a satisfactory rationale.
Identify and address any other concerns you might have.	Clearly identified and addressed concerns with well-formulated questions and responses.	Identified and addressed concerns with complete questions and responses.	Identified and addressed concerns though not clearly communicated.	Did not identify and/or address additional concerns.