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|  | Level 5 - A | Level 4- B | Level 3- C | Level 2 - D | Level 1 - F |
| Coding - Data preparation  15 points maximum | Correctly loaded all libraries and data and correctly prepared categorical input variables as well as categorical output variables as evidenced in the python code and output. | Correctly loaded most libraries and data and correctly prepared most categorical input variables as well as categorical output variables as evidenced in the python code and output. However, some data preparation steps may be incomplete /incorrect. | Important data preparation steps may be missing from the discussion. | Missing data preparation. | Was unable to load data and/or libraries. Data preparation not completed or severely limited. |
| Coding – Fitting Model  25 points maximum | The code produces a well fitted classification model without errors. | The code produces a fitted classification model but there may be some technical problems. | The code has some errors. | The submitted code does not run. | Did not submit the relevant code |
| Report: Overview  5 points maximum | The purpose of the study is well-defined and is in your own words. The dependent and independent variables are correctly identified. | The purpose of the study is clear. The dependent and independent variables are correctly identified. However, some content may be irrelevant. | The purpose of the study is vague or generic. The dependent variable choice is correct. Some content may be irrelevant to the study. | The purpose of the study is not clearly stated. Most of the introduction content is irrelevant to the study.  The dependent variable may be incorrectly identified. | Introduction is missing or severely lacking. |
| Report: Analysis  20 points maximum | Correctly addressed all required sections. Accurate interpretation of all method results. | Correctly addressed most of the sections. The depth of analysis could improve.  Some results may be missing interpretation. | Some sections are not answered and/or most of the answers are incorrect. Some results may be missing interpretation | Most of the sections are not answered and/or most of the answers are incorrect. Limited or missing interpretation of results. | Missing results interpretation. Did not address major sections of the report. |
| Report: Results  20 points maximum | All results are relevant, clearly presented and correct. All screenshots have a purpose and context for interpretation. | All results are relevant but there may be minor errors. Some screenshots lack purpose and/or context for interpretation | Most of the results are relevant but with errors. Some screenshots lack purpose and/or context for interpretation | Most of the results are incorrect or irrelevant to assignment.  Some results are missing.  Most of the screenshots lack purpose and/or context for interpretation | Results are missing and/or severely lacking |
| Report: Conclusion  10 points maximum | Detailed summary of lessons learned from the study and relevant ideas for future study. | Good summary of lessons learned from the study. More detail would be helpful. | The conclusion is vague or generic. The summary of findings and/or ideas for future study need improvement. | The conclusion lacks substance. The summary of findings may be missing. | The conclusion is missing or severely lacking. |
| Report: Writing and organization  5 points maximum | The paper follows a logical structure and contains no grammatical errors. All sections are addressed in the same order as in the assignment requirements. | The paper may have some minor grammatical and sentence structure errors. Most of the paper follows a logical structure, according to the assignment instructions. | Grammatical and/or organizational errors may be significant. Technical report may be lacking in overall professional presentation. | Significant grammatical and/or organizational errors that impede comprehension. Technical report lacking in overall professional presentation. | Did not submit the report |