Data literacy: Assessment task rubric

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| Criteria | Ratings | | | | | | | Pts |
| **HD** | | **D** | | **CR** | **P** | **F** |
| **15%**  Demonstrate the ability to correctly identify and justify types of attributes. | **20.0 to >16.8 pts**  All attributes were correctly identified with complete and appropriate justification provided. | | **16.8 to >14.8 pts**  At least 10 attributes were correctly identified with some appropriate justification provided. | | **14.8 to >12.8 pts**  At least 8 attributes were correctly identified with some appropriate justification provided. | **12.8 to >9.8 pts**  At least 6 attributes were correctly identified with a reasonable attempt at justification provided. | **9.8 to >0 pts**  Less than 6 attributes correctly identified with limited or no appropriate justification provided. | **20** |
| **25%**  Demonstrates ability to find, explain and justify useful summary statistics for the attribute. | **40.0 to >33.6 pts**  Correctly finds, explains and justifies useful summary statistics for the attribute. | | **33.6 to >29.6 pts**  Description. | | **29.6 to >25.6 pts**  Description. | **25.6 to >19.6 pts**  Description. | **19.6 to >0 pts**  Description. | **40** |
| **35%**  Presents appropriate analysis and visualisations combined with thoughtful evaluation of the results. | **15.0 to >12.75 pts**  Three or more analysis questions are answered correctly.  Visualisations are correct, clear and appealing. Thorough discussion of the result. | | **12.75 to >11.25 pts**  At least three analysis questions are answered correctly.  Visualisations are correct and clear. Thorough discussion of the result. | | **11.25 to >9.7 pts**  At least two analysis questions are answered correctly.  Visualisations are correct and clear. Some discussion of the result. | **9.7 to >7.5 pts**  At least one analysis question is answered correctly.  Visualisations are provided but could be clearer. Not much discussion of the result. | **7.5 to >0 pts**  No analysis questions are answered correctly.  No visualisations are provided or they are not clear/ incorrect. No discussion of the result. | **15** |
| **15%**  Succinct, insightful appropriate summary provided. | **15.0 to >12.75 pts**  Summary is succinct, insightful and written with careful thought towards the audience. | | **12.75 to >11.25 pts**  Summary insightful and written with some thought towards the audience. | | **11.25 to >9.7 pts**  Summary provides some relevant points with some thought towards the audience. | **9.7 to >7.5 pts**  Summary has a few relevant points but mostly just states what exploration was done, not the results or meaning.  Shows some thought of the audience. | **7.5 to >0 pts**  Summary not provided or just states what exploration was done, not the results or meaning.  No thought of the audience. | **15** |
| **10%**  Structure, presentation and language. | **10.0 to >8.4 pts**  Submission is written in clear, engaging English with no spelling or grammatical errors.  The structure flows smoothly and enhances the reader's understanding.  Submission is correctly referenced and formatted. | | **8.4 to >7.4 pts**  Submission is written in clear English with few spelling or grammatical errors.  The structure flows smoothly and enhances the reader's understanding.  Submission is correctly referenced and formatted. | | **7.4 to >6.4 pts**  Submission is written in readable English with few spelling or grammatical errors.  The structure is logical and clear.  Submission is correctly referenced and formatted. | **6.4 to >4.9 pts**  Submission is written in understandable English with some spelling errors.  Grammatical errors and/or structure and formatting of the work do not interfere with the reader's understanding. | **4.9 to >0 pts**  Submission is difficult to understand due to frequent grammatical or spelling errors and/or poor structure.  The submission contains plagiarised information.  References are not included or are not correctly formatted. | **10** |