

Data Science Laboratory 1

Marks Breakdown for Assignment 3

The below is a breakdown of the marks for the **report**.

- A maximum of **5** marks will be awarded for **data manipulation and solution methodology**, i.e. has an appropriate model/clustering algorithm been employed for the chosen data set? Has the data been manipulated to a suitable degree?
- A maximum of **5** marks will be awarded for the **results** obtained. If creating a model, this should involve performing optimisation, considering uncertainty and confidence, making predictions if suitable. If performing clustering then suitable conclusions should be made based on these clusters. There should be a discussion of key factors driving the clusters as well as a discussion of why clusters should exist in the chosen dataset.
- A maximum of **5** marks will be awarded for **explanation and discussion**. This should include, but is not limited to, discussion of the data set chosen and explanatory text outlining what you have done and why.
- A maximum of **3** marks will be awarded for **logic, structure and references**, i.e. is the report logically structured with a clear introduction and conclusion? Do the relevant points build naturally as the report progresses? Were appropriate references included and cited correctly?
- A maximum of **2** marks will be awarded for **spelling and grammar**.

The below is a breakdown of the marks for the **presentation**.

- A maximum of **1** mark will be awarded for **timing**. Your presentation should last between 5 and 10 minutes.
- A maximum of **1** mark will be awarded for **presentation**. You should speak with a clear voice at a sensible pace which is not too rushed. Other points to keep in mind are as follows: eye contact, enthusiasm, command of the audience.
- A maximum of **2** marks will be awarded for the **slides**. The slides should be easy to follow and not overly cluttered. They should also not interfere with what you are saying. Instead, they should support your argument. If there are any diagrams, images, tables etc. then these should be well made and should again support the presentation.

- A maximum of **3** marks will be awarded for **content**. The presentation should tell a clear story that is relevant to the submitted report. It should accurately explain what was done and how it was accomplished. It should also explain the context and the place of the report in that context. For full marks, it should also outline directions for further work.
- A maximum of **3** marks will be awarded for **questions**. This is to reflect the handling of questions. Those students who are confident about the material and with a strong understanding will obtain full marks.

Total marks = 30