

## MLiS2 Report

As part of the assessment for this module you will be expected to write an **individual** report. This report will contribute **40%** towards your final mark. You will be assessed on both its content and its structure according to the criteria (described below). You will be expected to write the report in LaTeX or some other suitable word processing package that can handle scientific notation. The report will be written by you as an individual, not with your project partners.

The report should be **2500-3000** words (excluding references) and written in a style similar to a scientific paper. We don't enforce a particular style - this is because the MLiS cohort is from a variety of backgrounds, and different fields tend to write papers slightly differently (e.g. computer science papers tend to have a separate section on previous work). Overall though, the paper should contain an abstract, introduction, methods, results and discussion/conclusion, referencing and discuss previous work. The marking criteria below gives more information. If you want some inspiration for a particular style, you could look at e.g. the papers from NeurIPS (<https://nips.cc/Conferences/2022>).

The level of the report should be at a level accessible by your peers.

Your completed report should be submitted via **Moodle by 5pm on Friday May 17th 2024.**

### Criteria for Assessment

Each report will be assessed for content and understanding; style and language according to the following marking standards.

#### Content and Understanding (60%)

A	The report material is of the correct level and coverage. The author demonstrates an excellent understanding of the research topic, motivating it fully, placing it into the wider context of the field of deep learning and presenting a clear explanation of the main results that has come from the project, including possible new directions it can take. Any equations and diagrams used will be carefully explained and it will be clear how key results have been obtained. The references and comments on the references show evidence of reading around the topic.
B	Generally as above, but with minor deficiencies in one or more areas or major deficiencies in one of them.
C	Major deficiencies in more than one area and/or several minor defects. Research has been carried out satisfactorily but with little initiative and comprehension shown.
D	Some evidence of preparation but major deficiencies, for example, in understanding and/or selection of material.
E	There is little evidence of preparation and research. Only the major source has been considered and little evidence of understanding demonstrated.
F	There is little evidence that much thought has been given to the subject; understanding is almost non-existent. There may be serious reservations about the quantity of work.

## Style and Language (40%)

A	The report is well structured with an introduction and summary/conclusions. The flow of the argument is logical and easy to follow. The layout is of an excellent standard, being easy to read and relevant to the topic. Figures and captions are sized appropriately so that they are easy to read and they are properly annotated. Equations are presented in a consistent manner with all the variables defined. References are clear and complete. The scientific language used is accurate and allows the reader to follow the report to its natural conclusion.
B	Generally as above but with minor stylistic and linguistic defects.
C	Although the report is generally accessible, there are a few major defects; for example, equations may have been poorly explained and presented or the report lacks smooth transitions from one part to the next.
D	The structure of the report is poor and/or there are a sufficient number of defects to make the topic hard to follow in places.
E	The report is very badly structured and is mostly incomprehensible. The language used may be too informal or vague and not appropriate for a scientific report.
F	The report is so difficult to follow as to be useless; there are many serious defects in the style and language.