

# CAB 420 – Machine Learning

## Assessment Criteria for Final Project (Assessment 2)

Student Name: \_\_\_\_\_

Student Number: \_\_\_\_\_

| 7 - High Distinction  | 6 - Distinction   | 5 - Credit   | 4 - Pass   | 3 - Marginal Fail   | 2 - Fail   | 1 - Low Fail  |
|---|---|--|--|---|--|---|
| <b>Analysis behind your approaches / Background</b> - Why the anticipated approaches are suitable for the project, and the comparison to the existing approaches (5%) |   |  |  |   |  |   |
| Demonstrates <i>superior</i> knowledge of the proposed approaches, relevant to the project  | Demonstrates <i>advanced</i> knowledge of the proposed approaches, relevant to the project  | Demonstrates <i>credible</i> knowledge of the proposed approaches, relevant to the project   | Demonstrates <i>good</i> knowledge of the proposed approaches, relevant to the project   | Demonstrates <i>limited</i> knowledge of the proposed approaches, relevant to the project                           | Demonstrates <i>poor</i> knowledge of the proposed approaches, relevant to the project                           | Demonstrates <i>no</i> knowledge of the proposed approaches, relevant to the project                                    |
| <b>Details of System Design / Experimentation Results</b> – The outcomes produced by the project if the project is completed successfully (12%)                       |   |  |  |   |  |   |
| Presents a <i>superior</i> analysis of at least <b>3</b> algorithms, the experimental results, and the interpretation of the results                                  | Presents an <i>advanced</i> analysis of at least <b>3</b> algorithms, the experimental results, and the interpretation of the results | Presents a <i>credible</i> analysis of at least <b>2</b> algorithms, the experimental results, and the interpretation of the results | Presents a <i>good</i> analysis of at least <b>2</b> algorithms, the experimental results, and the interpretation of the results | Presents a <i>limited</i> analysis of an algorithm, the experimental results, and the interpretation of the results | Presents a <i>poor</i> analysis of an algorithm, the experimental results, and the interpretation of the results | Presents <i>no</i> convincing analysis of an algorithm, the experimental results, and the interpretation of the results |
| <b>Clarity of Slides and Quality of the Demo/Code</b> (5%)  |   |  |  |   |  |   |
| Demonstrates <i>superior</i> use of slides and demo to aid presentation   | Demonstrates <i>advanced</i> use of slides and demo to aid presentation   | Demonstrates <i>credible</i> use of slides and demo to aid presentation  | Demonstrates <i>good</i> use of slides and demo to aid presentation  | Demonstrates <i>limited</i> use of slides and demo to aid presentation  | Demonstrates <i>poor</i> use of slides and demo to aid presentation  | Demonstrates <i>no</i> significant use of slides and demo to aid presentation   |

| Written Expression – Demonstrated professional written communications skills (4%)  |  |  |   |   |  |  |
|--|--|--|---|---|--|--|
| <p><i>All parts</i> of the report are presented at the highest professional standard with respect to:</p> <p><b>Spelling and Grammar</b><br/> <b>Style and formatting</b><br/> <b>Structure and fluency</b><br/> <b>Language</b><br/> <b>Terminology</b></p> | The report is <i>very well-written</i> and understandable throughout, with only a few insignificant presentation errors.   | The report is <i>well-written</i> and understandable throughout, but with a few noticeable presentation errors.            | The report is <i>generally well-written</i> and understandable, but with a few small presentation errors that make one or two points unclear. | The report contains a number of <i>distracting errors</i> in its presentation, making several parts hard to understand.   | Large parts of the report are <i>poorly written</i> , making many parts difficult to understand.                       | The entire report is <i>poorly-written</i> and/or incomplete and/or <i>impossible to understand</i> .                |
| Project Proposal (4%)  |  |  |   |   |  |  |
| Demonstrates <i>superior</i> knowledge of the topic, its theoretical and practical aspects, the datasets, and the timeline   | Demonstrates <i>advanced</i> knowledge of the topic, its theoretical and practical aspects, the datasets, and the timeline | Demonstrates <i>credible</i> knowledge of the topic, its theoretical and practical aspects, the datasets, and the timeline | Demonstrates <i>good</i> knowledge of the topic, its theoretical and practical aspects, the datasets, and the timeline                        | Demonstrates <i>limited</i> knowledge of the topic, its theoretical and practical aspects, the datasets, and the timeline | Demonstrates <i>poor</i> knowledge of the topic, its theoretical and practical aspects, the datasets, and the timeline | Demonstrates <i>no</i> knowledge of the topic, its theoretical and practical aspects, the datasets, and the timeline |

Please note that your mark may be moderated depending on your individual percentage contribution specified in your report.