Module title and code: Machine Learning CMP020L015A

Title of coursework(s): Literature Survey and Presentation

Learning outcomes:	**LO1: Apply simple statistical learning algorithms such as Naïve Bayesian Classifier to a classification task and measure the classifier's accuracy.** **LO2: Evaluate the performance of a simple learning systems on a real-world dataset.** **LO3: Compare and contrast decision making techniques, such as decision trees, neural networks, and Long Short-Term Memory (LSTM) networks.** **LO4: Evaluate the ethical concerns of applying machine learning techniques to a real-world dataset.**
Assessment weighting	30%
Maximum mark	100%
Submission details (e.g. submission link)	https://moodle.roehampton.ac.uk/mod/assign/view.php?id=2068857
Word limit (if applicable)	1000 words
Date set	27/11/2024
Deadline	• **Submission date for report**: 13 Dec 2024 by 23:59 GMT online via Moodle. • **Presentation date starting**: 9 Dec 2024, but no later than 20 Dec 2024. Group presentation timetable will be available later.
Feedback and marks	Written feedback and Rubrics will be given. Date:10 January 2025
Assessment setter's name	Kuo-Ming Chao/Sameena Naaz

Academic Misconduct:

"Academic integrity and honesty are fundamental to the academic work you produce at the University of Roehampton. You are expected to complete coursework which is your own and which is referenced appropriately. The university has in place measures to detect academic dishonesty in all its forms. If you are found to be cheating or attempting to gain an unfair advantage over other students in any way, this is considered academic misconduct, and you will be penalised accordingly."

Further details about "Student Code of Conduct" and "Disciplinary Regulations" can be found at:

https://www.roehampton.ac.uk/corporate-information/policies/

Assessment introduction (if applicable):

Task 1:

You need to form a group with 4 members for group presentation.

Task 2:

Each student in the group must review at least two papers on **AI ethical issues and/or bias** to write a literature survey report. The students in a group cannot have the same papers. In other words, there is no paper overlapped within the group (at least 8 different papers in one group if it has 4 members).

The word count of the report is up to 1000 words.

Note: The paper should be less than 4 years old.

Task 3:

Present a literature review as groups. Each group with 4 members has 20 minutes for presentation, followed by 5 minutes for questions. The contents of the presentation should be integral as one single coherent report. So, each member needs to present around 5 minutes for part of the group report.

Deliverables (what you will need to submit):

Report in the Moodle and Presentation in the classroom or lab

Additional Information (if required):

Assessment Criteria (Grade Boundaries or Rubric): They are in a separate file.