School of Computing Science Summary and Response Document (SARD)

Course name: Machine Learning and Artificial Intelligence for Data Scientists (M)
Academic Session: 2023-2024
EvaSys questionnaire response rate: 49 of 218 (22.5%)

Summary of student comments	Response from Academic Staff	Action completion date (actual or expected, if required)	Action owner
Positive feedback			
Different machine learning algorithms and their practical implementation in the lab exercises.	We'll keep this format and look out for opportunities to improve.		
It's very useful for looking for a job in the future.	We are glad that the student found this course useful		
The course structure was good	We'll keep this format and look out for opportunities to improve.		
The curriculum and additional material with the derivations.	We'll keep this format and look out for opportunities to improve.		
Issues raised in EvaSys questionnaires			
A bit more lab work before the project week can be included as coursework for each topic.	Good suggestion. We are keen to avoid over assess during the course. I'll explore ways to add more content to the labs.	Sep 2024	Lecturers
Coding or solutions can be used while teaching, to show how the results shown have been derived.	We will explain more coding during the lectures and labs. We do have detailed derivations as supplementary materials. We will make clear and easy for student to find on Moodle.	Sep 2024	Lecturers
the lack of approaching ml using dataframes professors not teaching skills for a corporate workplace by teaching the most used algorithms in the world- bagging and boosting using decision trees by teaching EDA	While we agree with the comment on the usefulness of these aspect, we have to make a choice on the topics we could cover, balancing on the length and depth of the course. We will state more clearly about the relevance of the covered topics.	Sep 2024	Lecturers
This course serves as an introduction to machine learning, so	Our goal is for students to be able to apply the algorithm on practical problems. The case studies are	Sep 2024	Lecturers

the knowledge provided is quite broad. I feel confused about the practical application of the course knowledge. Additionally, the course only covers the theoretical aspects, while the experimental assignments require code implementation. The transition between these two aspects is not well-guided in this course, making me feel a bit disconnected.	designed for this. We will emphasis the real world relevance of the topics.		
Maybe the lecturers can slow down a little during the class.	We will moderate our delivery speed.	Sep 2024	Lecturers
Give students more time to complete the coursework	We'll coordinate with guest lecturers to explore ways to release the case studies earlier.	Sep 2024	Lecturers
Issues raised at staff-student liaison meetings			
They felt the course was quite enjoyable but difficult with advanced mathematics and lots of algorithms.	The math has been reduced to the bare minimum. We don't think it can be reduced further while keeping the quality of the course. We'll explore ways to further improve accessibility of math related materials.	Nov 2023	Lecturers
They felt the lectures were very long (2 hours) and mostly involved lecturer reading out slides / explaining material with students potentially being quite passive - so difficult to keep focus over the full 2 hours. They felt it would be good to have some student involvement (I presume activity) during the lectures to help keep focus.	Good suggestion. We will explore ways to improve student involvement during lectures	Nov 2023	Lecturers

Context statement from the Course Leader (optional):