EE6024 Assignment 2: Essay..

30th January 2023

Write a 500 Word essay on:-

The ethical issues in the use of AI in healthcare.

The essay will be worth 10% of the module mark.

Suggested Areas to be addressed:-

- Protection of data, GDPR, Permissions for use and dissemination of data - what can I do with it.

- Where did the data come from – how was it obtained, is it from the developing world

- What are the risks associated with application of my machine learning tool – injury, financial loss, death.

- Reporting performance which is a true reflection of how the tool with perform in practice

- Manipulation of the data – cherry picking data – providing overestimate of performance on manicured data.

- Overestimation of performance – poor generalisation – poor performance in real life application – false promises.

- Being clear/honest about biases introduced and the limitations of the method.

- Diversity issues in AI

Ensure that you include appropriate references and statistics.

Submit your Essay on Canvas by 17.00 on Monday 4th March 2024.

Please note the updated UCC Policy on Plagerism which can be found at:
`https://www.ucc.ie/en/academicgov/policies/exam-policies/`

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