

HIT391 Assignment 1 (Submission: 24th March, 2025; 23:59 Darwin Time)

Case Study on Ethical Issues in AI

You should select one topic from the list below.

- . What is Bias in Machine Learning Model and How they can cause Ethical Issues in AI?
- . What are Black Box Machine Learning Models and How they can cause Ethical Issues in AI?
- . Ethics of Artificial Intelligence in Medicine

And please write a 600 – 700 words case study.

Your case study should contain the following elements:

- . Provide Background about the topic you selected.
- . Choose an example scenario that is related to the real and current world and link it with the topic you selected.
- . Existing policies and frameworks developed by private/public companies and governments to maintain Ethics in everyday AI applications; and try to link this with the topic you selected.
- . Please provide References for the information you sourced online.

How to submit this assignment

Your submission should be written in a **PDF\Word file**.

- Save the file using your lastname_firstname.docx\pdf. (for example Jones_Matt.docx)
- First line of your file will be:
 - o Student Name Student ID
- Clearly label each section and any sub-sections.