
Introduction to Machine Learning

ECE 580
Spring 2022

Ethical Frameworks #4 – Healthcare Data Discussion Preparation Prompts

Submission Instructions

Submit your work to the corresponding assignment in Gradescope. Although Gradescope accepts multiple file formats, they strongly recommend submitting your assignment as a single PDF file.

You are responsible for ensuring the uploaded file is: 1) the correct file, 2) complete (includes all pages), and 3) legible.

You are responsible for ensuring your submission is on-time as determined by the Gradescope server system clock. The Gradescope server system clock may differ from your local computer system clock.

You are responsible for tagging the pages that correspond to each question. Pages may be tagged after submission, even if the submission deadline has passed. If you are submitting close to the submission deadline, submit your assignment first then immediately return to tag the pages.

Scoring Information

Individual questions will be scored holistically on the 9-point scale described in the syllabus. The discussion preparation score will be the equally-weighted average of the individual scores for each question.

Late Submissions

Late submissions will be accepted up to 10.25 hours after the submission deadline, *i.e.*, until class starts at 10:15AM, with a 3.2 point penalty applied if its late submission is not excused.

A discussion preparation score will not drop below 3.0 as a result of applying the late penalty point deduction.

Discussion Preparation Prompts

Respond to each prompt with at least 2 full and complete sentences.

1.
 - (a) To whom does the Infinity executive have obligations? Explain why the Infinity executive has obligations to these people and/or entities.
 - (b) To whom does the Providence executive have obligations? Explain why the Providence executive has obligations to these people and/or entities.
2.
 - (a) Describe the duties and moral obligations the Infinity executive has in the negotiation of the deal.
 - (b) Describe the principles that underlie these duties and obligations.
 - (c) Which duties and obligations do you view as the most important? Explain why you view them as the most important.
 - (d) Do you believe there are any duties and obligations that would be violated by any of the actions proposed by the various characters in the case? Explain why you believe the duties and obligations would be violated. If you believe none would be violated, explain why you believe none would be violated.
3.
 - (a) Describe the duties and moral obligations the Providence executive has in the negotiation of the deal.
 - (b) Describe the principles that underlie these duties and obligations.
 - (c) Which duties and obligations do you view as the most important? Explain why you view them as the most important.
 - (d) Do you believe there are any duties and obligations that would be violated by any of the actions proposed by the various characters in the case? Explain why you believe the duties and obligations would be violated. If you believe none would be violated, explain why you believe none would be violated.
4. Refer to your responses to prompts 2 and 3.

Either explain why you share the Providence executives' concerns, or explain why you believe it was right for Providence to accept Infinity's proposal.
5. The Infinity executive argued that the potential long-term benefits for patients provided by the tools created using the patient data justified the data's use by offsetting any consent-related concerns.

Either explain why you believe his argument is ethically acceptable, or explain why you believe his argument is ethically unacceptable.