Final Task Draft: Two Humans Version

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# Summary

You will be required to identify and apply key ethical, legal and technical issues relating to a real-life data science problem, conflict or dilemma (case study). Normally the essay will focus on a different case study than what was covered in the presentation. In this version of the task, you will write in dialogue with another student.

Each student is expected to consider (a) what ethical, legal and technical solutions could be implemented to ameliorate/stop a problem and (b) reflect on the importance of ethics, law and technical perspectives, in light of what they have learned about the case study/real life problem and their learning on the course. You will need to identify a topic on which both students feel comfortable taking different stances from each other.

The analysis should be comprised of a brief introduction and alternating arguments for your different stances. The focus of the analysis should be on demonstrating an ability to identify, describe relevant issues and apply course learnings. Aside from the introduction section, bibliography, and if necessary conclusion, students will be marked only on their own contributions.

Word Count: 4000 words total max

**The written assessment should be divided into:**

1. Outline of a real-life data science problem. This should be a topic on which there is genuine and reasonable disagreement on what the right thing to do is. It may share some similarities with your presentation topic, but do not use the same case study(ies). Explain the case study and the problem, what your analysis aims to do, and the central legal, ethical and technical question/s. Indicate one central area of disagreement on which you wish to focus. (500w – graded for both students)

2. Student 1 First contribution: the first student indicates what their view is on the topic and makes a case for this stance. (750w)

3. Student 2 First contribution: the second student indicates what their view is on the topic and makes a case for this stance. (750w)

4. Student 1 Second contribution: the first student responds to the second student, developing their own stance further. Remember that we need a discussion of relevant ethical, legal, and technical aspects, and their application to the problem. Do not focus on just one area at the expense of another area (i.e. primarily focusing on ethics and not law; or only focussing on one issue). Ethics, law and technical aspects should feature relatively equally. So, this could be a good point at which to introduce aspects of the problem which you have not yet discussed. (750w)

5. Student 2 Second contribution: the second student responds to the first student, developing their own stance further. (750w)

6. There is no need to provide a conclusion, but this could be a good idea if both students think that it is worthwhile. This could be an opportunity to suggest further lines of enquiry, or state where agreement could be found on the topic.

# Assessment Template

1. Outline of a real-life data science problem. (500w)

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2. Student 1 First contribution: the first student indicates what their view is on the topic and makes a case for this stance. (750w)

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3. Student 2 First contribution: the second student indicates what their view is on the topic and makes a case for this stance. (750w)

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4. Student 1 Second contribution: (750w)

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5. Student 2 Second contribution: (750w)

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6. Conclusion.

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7. Bibliography.

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