

Project handout:

AI ethics — What's possible, probable, and preferred?

Outline

In this project, you will:

- explore an area of Artificial Intelligence of your choice
- deep dive into a specific AI application or system with a case study
- use multimedia to demonstrate a *preferred* future for this AI technology.

Tasks

1. Determine your AI **area of interest** for this project.

Some suggestions include:

- facial recognition technology and its applications
- self-driving cars and moral decision making
- ‘algorithmic bias’ and other problems associated with machine learning applications
- recommendation algorithms (for media, products and other applications) and their impact
- military and geopolitical applications of AI
- AI as a tool for addressing positive environmental and social causes
- the effect of artificial intelligences on human relationships
- consciousness and the legal/moral status of artificial intelligences.

You may decide on a different AI area. Your choice will depend on whether you can find useful information for research on the topic.

2. Write a **case study** on an AI application or system that is emerging or almost available. Be specific!

Your case study should include:

- a description of the purpose and target audience (1/2 page)
- a list of the components: hardware, software, people and procedures (1/2 page)
- an answer to the question: What makes the application or system innovative or contributing to future innovations? (1/2 page)
- a discussion of *possible* and *probable* social and ethical implications of the technology (1/2 page).

3. In an interactive, multimedia form, create and explain a **plausible plan** for the *preferred* future for the use of the AI technology you researched. Pretend this future is real and the application or system is now available in the Marvel Universe. Choose a Marvel Universe character who is the developer or user of the AI system. They will be your ‘point of view’ in this future.

Your plan must include a justified conclusion on whether or not to further develop or use the technology, from the point of view of your chosen character.