

Social and Professional Issues of the Information Age

The essay

Handed out	Handed in
05-Oct-2020 (T1:03)	11-Dec-2020 (T1:12)

This Continuous Assessment is worth 30% of the module mark.

Work is to be submitted via E-BART by midday on Friday 11th December 2020.

All students are reminded of the University regulations on academic honesty and plagiarism.

Introduction

Minority Report is a movie about a police department able to arrest criminals before they have committed a crime. The year is 2054, and the police have psychics who can predict when an offence will take place. Now, the year is 2020, we do not have psychics, but we have artificial intelligence. In this essay, you are asked to consider whether it is now time for an AI-based Minority Report.

Assessment

This assessment is to write an essay of 3,000 words with the title “*Are We Ready For An AI-based Minority Report?*”.

Between an Introduction and a Conclusions section, your essay should have sections that discuss:

- **the problem** a system similar to the one in Minority Report is designed to solve;
- **the solution** that such a system provides;
- **an argument in favour** of such a system;
- **an argument against** such a system.

Your essay must be prepared using L^AT_EX, with citations and references managed with B_IB_TE_X.

Marking Criteria

Your essay will be marked according to the following criteria.

Criterion 1: the problem

80+ An outstanding discussion of the problem which can be improved in few (if any) identified ways.

70-79 An excellent discussion of the problem, which can be improved in a few identified ways to become outstanding.

60-69 A good discussion of the problem, which can be improved in a few identified ways to become excellent.

50-59 An acceptable discussion of the problem, which can be improved in a few identified ways to make it good.

40-49 A poor discussion of the problem, which can be improved in a few identified ways to make it acceptable.

0-39 An unacceptable discussion of the problem, which can be improved in a few identified ways to make it poor.

Criterion 2: the solution

80+ An outstanding discussion of the solution which can be improved in few (if any) identified ways.

70-79 An excellent discussion of the solution, which can be improved in a few identified ways to become outstanding.

60-69 A good discussion of the solution, which can be improved in a few identified ways to become excellent.

50-59 An acceptable discussion of the solution, which can be improved in a few identified ways to make it good.

40-49 A poor discussion of the solution, which can be improved in a few identified ways to make it acceptable.

0-39 An unacceptable discussion of the solution, which can be improved in a few identified ways to make it poor.

Criterion 3: an argument in favour

80+ An outstanding argument in favour a system similar to the one in Minority Report which can be improved in few (if any) identified ways.

70-79 An excellent argument in favour a system similar to the one in Minority Report, which can be improved in a few identified ways to become outstanding.

60-69 A good argument in favour a system similar to the one in Minority Report, which can be improved in a few identified ways to become excellent.

50-59 An acceptable argument in favour a system similar to the one in Minority Report, which can be improved in a few identified ways to make it good.

40-49 A poor argument in favour a system similar to the one in Minority Report, which can be improved in a few identified ways to make it acceptable.

0-39 An unacceptable argument in favour a system similar to the one in Minority Report, which can be improved in a few identified ways to make it poor.

Criterion: an argument against

80+ An outstanding argument against a system similar to the one in Minority Report, which can be improved in few (if any) identified ways.

70-79 An excellent argument against a system similar to the one in Minority Report, which can be improved in a few identified ways to become outstanding.

60-69 A good argument against a system similar to the one in Minority Report, which can be improved in a few identified ways to become excellent.

50-59 An acceptable argument against a system similar to the one in Minority Report, which can be improved in a few identified ways to make it good.

40-49 A poor argument against a system similar to the one in Minority Report, which can be improved in a few identified ways to make it acceptable.

- 0-39** An unacceptable argument against a system similar to the one in Minority Report, which can be improved in a few identified ways to make it poor.