

# Ethics in AI Assignment

Based on our discussions in the lecture, now it is time to express your understanding on the Ethical part of AI. With the new technologies driven by AI being more widespread everyday, several concerns also arise. We have discussed topics like robot ethics, consequences of having AI in battlefield, its implicit bias etc. We also talked at length about the danger of non-transparent algorithm, the criticality of trustworthy AI in practice, and what can we probably do to build a responsible robot.

Now, in this assignment you are required to elaborate on the bias observed in algorithms for one of the problems described below. Your essay should focus on the impact of AI in your chosen application domain, how to enforce transparency in the AI system design/implementation process, and how do we prevent ourselves to accept AI supremacy by default?

## Prompts

Select one of the following prompts on which to compose an essay.

- Printing Press
- Drones/Surveillance Videos
- Safety of Your Online Data
- Critical Decision-Making Processes like Hiring, Individual Profile Based Risk/Fraud Action Prediction
- Job Automation
- Autonomous Driving
- Autonomous Warfare Systems
- Manipulation of Behavior Through Targeted Content

## Rubric

### Exemplary

- Explain the problem in the specific usecase.
- How to correctly apply standard/rules like considering potential consequences/conflicts negative of bias sometimes called threshold.
- Elaborate their viewpoint.
- Offer alternative resolutions and their respective risks.
- Cite analogous cases as justification.

### Satisfactory

- Explain the problem in the specific usecase.
- How to correctly apply standard/rules like considering potential consequences/conflicts negative of bias sometimes called threshold.
- Elaborate their viewpoint.
- Cite analogous cases as justification.

### Developing

- Explain the problem in the specific usecase.
- How to correctly apply standard/rules like considering potential consequences/conflicts negative of bias sometimes called threshold.
- Cite few examples only, without analyzing the reports/cases.

### Unsatisfactory

- Just explain the problem in the specific case.
- Does not focus on the standard/rules of the ethical AI or anything else.