

# Essay Writing

## Ethical Considerations in AI: Balancing Innovation with Responsibility

### Outline:

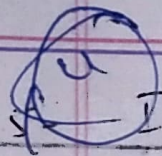
#### 1. Introduction:-

Thesis Statement: The trending implications of AI and its ethical deliberations are questionable. Its impacts on human nature and speedy intervention in the sociological surroundings needs to be balanced with responsibility. Therefore, its ethical implications need to <sup>be</sup> addressed.

2. Why is it important to be ethically considerate towards AI.

3. Concerns about AI that need to be addressed (x4)

- a- Copyright and legal exposure
- b- Generation of offensive content
- c- Breach of Privacy
- d- Workers displacements



## Impacts of AI on ethical values (x4)

- a- Biasness and discrimination have arisen
- b- War on the basis of Technology
- c- Declining originality of content
- d- Compromising confidentiality and security

Q. How can we balance between innovation and responsibility (17)

a- Intellectual Property Rights on SAAS based products

b- Humans and AI powered bots to work together with right ethics

c- Government intervention over privacy concerns of AI

d- Using AI as a tool for ethical preaching

e- Improving technology to detect innovation or mis information

f- Responsibility to prioritize data on quality basis

g- Ethical considerations and legal protection of employees.

~~Paragraphs.~~

## Body Paragraphs

The power tool of AI raises concerns about the copyright infringement and legal exposure of the original content. Due to the increased usage of AI powered softwares, the creation of meaningful content has been reduced. It has become difficult to protect the creativity of a human mind, keeping in view the efficiency of AI. For instance, Getty Images sued an AI company for copying and processing millions of images which were copyright protected without any due rights. Thus, the legal exposure of AI generated content is a major concern

Generating offensive content is another tip of the iceberg concerning AI related problems. AI powered bots have been creating offensive content that is harmful for the humanity as a whole. These algorithms are empowered to imitate humans in different ways. For example, a recent incident took place in the US where a scammer cloned the voice of a young girl to demand ransom from her mother by faking a kidnapping. Hence, the creation of harmful content has also increased with the popularity of AI.

Concerning the fast paced events of privacy violations and their link towards AI, a close connection has been observed. Due to the common use of AI websites and applications, private data is easily accessible. Big Tech companies access the private data at cheap prices and use it for advertising. According to 2023 IBM Cost of a Data Breach report, organizations using security AI and automation incurred lower data breach costs compared to businesses not using AI-based cybersecurity tools. Therefore, breach of privacy has become less expensive and easily accessible with the commonality of AI.

With the rise in the usage of AI tools, many jobs have been cannibalized. Usage of AI tools has its own benefits for the companies for which many workers have lost their jobs.

Since, these technologies have the potential to automate work activities with no working hours in particular, a number of jobs are under threat. According to Veena Dubal, professor at the University of California, 'Many companies are already using AI to measure productivity and determining ways leading to "algorithm wage discrimination".' However, it is evident that despite a number of jobs being already cannibalized by AI, a huge number is constantly under observation.

Ethical values have been impacted vigorously with the common usage of AI due to its biasness and discrimination. It has been observed that AI sometimes acts as a biased and discriminatory tool. Businesses using AI algorithms for recruitment and other activities have been the prime witnesses of such discrimination. For example, Amazon in 2015 realized that its AI algorithm for hiring employees was biased against women. Therefore, the advancements in AI and their relation to the increasing biasness is positive.

The role of technology in promoting war is alarming. The modern times war and their definition of ethics has been changed. The quest for AI dominance holds the potential to further intensify the existing rivalries. For example, Justine Calma wrote in The Verge that AI suggested 40,000 new possible chemical weapons in just 6 hours.

Hence, the usage of AI has made it easy to intensify the war.

Creative industries have been largely impacted by the declining originality of content because of AI. AI tools can defy plagiarism and create content that is similar to humans. Industries such as designing, art, music and painting have been severely affected. According to SAG-AFTRA (Federation of Hollywood) AI poses an existential threat to creative professions. Thus, the declining originality is an effect of increasing AI popularity.

Confidentiality and security of citizens have also been greatly compromised. AI has impacted the private space of individuals by surveillance which is a common tool used at public places, office entrances and exit points. But now, majority of the EU parliament is now in the favour of banning facial recognition in public areas. The ~~reason~~ reason is people ~~can~~ <sup>would not</sup> deal with the constant idea of 'being watched' which was compromising their right to confidentiality and security.

To create a balance between innovation and responsibility, it is important to give property rights on SAAS based products. The fast lane advancements of AI have made it easy to replicate the software features in no time. AI softwares can create fake domain names and fake products. In order to cater this, European Union's Intellectual

Property Office (EUIPO) uses a verification policy supported by machine learning and AI to detect the suspicious registrations by verifying it with their IPO. Hence, in order to cater AI violations, strong verification policies should be enforced.

Humans can modify these AI powered bots to work with right ethics. If AI can trace human patterns for unethical practices, it can also be moulded to work ethically. AI needs to be monitored carefully and restrict its algorithms for unethical means. For example, AI algorithms can be restructured and conditioned not to produce assignments for students. Therefore, in this way we can prevent from the unethical use of AI.

It is necessary for the authorities, to closely monitor the popularity of AI. They should make certain laws for its usage for illegal purposes. Terrorist organizations use the cyber space and especially AI against the writ of the state. For example, UNICJRI generated a report giving an early warning to



The world community about the increased usage of AI among the violent Non State Actors. Hence, the state should intervene over the unethical usage of AI.

The popularity of AI can also be cashed for promoting the right ethics. Although, AI is already being used for educational purposes, it can be used for ethical awareness as well. AI companies can restrict the usage of AI to only that customers who pledge to follow the ethical rule set upon signing up. For example, AI tools can be used to monitor if the user has read and understood the terms and conditions before using, either by filling a questionnaire or a short quiz before signing up. In this way humans can use AI to educate the masses about its ethical usage.

AI is in the fast lane when it comes to technological advancements. It can be used to detect innovation or misinformation. AI tools have the capability to differentiate between human created ideas and artificially generated content. For example, Educational institutions can use AI to detect plagiarism. Thus, the usage of AI for unethical means will be decreased with time.

AI is a double edged sword, its usage can be beneficial for those only who know how to monitor it. Humans should not overly depend on it, instead they should ~~not~~ responsibly prioritize data on the quality bases. Good quality data with verified sources should be the only reliable option. For example, 45% of data generated by AI powered websites is from unreliable sources (Willem Sundblom, Data and AI, Forbes). Therefore, humans cannot rely on AI provided data in terms of authenticity.

As discussed earlier, AI has cannibalized many jobs. Therefore, companies need to consider the ethical and legal protection of their employees. Modern day, Human Resource needs to be empowered to use AI for its own benefits. For example, the employees can sign with the companies that their jobs will be protected and will not be cannibalized by AI. Similarly, the government can restrict the companies to have at least a certain number of employees to run their day to day operations. In this way, jobs can be legally protected.