

Academic Year	Module	Assessment Number	Assessment Type
2024	5CS037-Concept and Technology of AI.	2	Report Writing

AI: Balancing Innovation with
Ethical Integrity: Opportunities and Challenges across various
Fields.

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Submitted on : 02-01-2025

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Abstract:

In this modern era, Ai is becoming popular day by day in various fields which will help to reduce human labor in automated works. It is necessary to address the ethical implications of artificial intelligence (AI) in every field. The rapid use of AI has brought many benefits like advancement in each field but on other hand there are many disadvantages like breaching people's privacy, lack of accountability, Ai models are trained model which results in those kinds of data which are already experienced otherwise they can't perform well by neglecting other groups i.e., bias. The importance of this report is to target the various ethical problems that AI presents, such as prejudice, accountability, transparency, and privacy.

Introduction:

AI enhances the work of employment, music ,creativity by reducing their work loads. The ability ,efficiency and fastness shown by the ai are faster than humans. The technology has a potential to growth rapidly. With some advantages there comes disadvantages alike regarding the works biasness seen the model of companies, who will be rewarded for the creativity that could be arts, music anything. This way is a threat to human world since they can breach easily the people's privacy and passwords which increases the chances of less security towards other. So, Ai should have some regulations ,policies . those people who uses Ai and robotics should know their limits and do only works for welfare of the society.

Key principles of Ethical AI are:

- Fairness and Non-Discrimination
- Transparency
- Accountability
- Privacy and Sustainability

(Gisma University of Applied Science, 2024)

The above is some of the important principles that Ai should follow. Ai should only collect minimized data and have data anonymization so that if the developers sever is hacked the hacker could not found out the information from the data. Ai can also result in copyright issues in creativity field since they are not aware of, and the credits goes to no one. The rapid change in the way of creating viral videos results in instability which is also the effects of Ai. Ai helps the human by enhancing the capabilities and helping the

Literature Review:

Artificial intelligence is being revolutionized in music, art and many more creative sectors. People are being used to AI to create any sort of videos, theme songs, digitalized images. “OpenAI's MuseNet and Google's Magenta show how AI can generate meaningful music concerning stylistic norms, indicating AI's potential to break creativity barrier”. (Santosh Jaini & Katikireddi, 2022).

AI in creative fields can be very harmful since it can generate videos spreading false news on any topic which might force people to believe since the people have trust in public figures and if any one of them say anything just truly believe. Nowadays , people instead of watching news they could get every information from social medias if any fake videos got viral people can get traumatized from the news. AI does not have their own state of consciousness they just do what they are told to do, the content of AI in any field can be true or false giving information. AI does not respect the copyright of someone else's vocals. If they have any information, they can use it which provokes someone's vocal.

Since AI is efficient not only in one specific field AI is also growing in employment fields too. AI are not like a human ;show they are displaced by the jobs of employees which can result in economic crisis in developing countries. AI should follow regulations and companies creating AI tools should have policies regarding the human-centric form. AI should be used to enhance the capabilities of workers than replacing them. (Franken & Wattenberg, 2019).According to Germans, 83% from the certain groups are convinced that AI would take their jobs and work away from them which doesn't seems to be positive. A study of Fraunhofer IAO states that human beings and machines could be working simultaneously one day in the future. However, this doesn't prove that AI doesn't break the rules and regulations (U.S Department of Labor, n.d.). AI can give their own optimistic results on companies that depends on the AI to do task. So, it is said that the development should be innovatively targeting all three aspects human, technology and organization. It is called triangle of technology. (Franken & Wattenberg, 2019) . The developers of AI should use them to enhance the efficiency of work rather than displacing other employee's jobs with AI. “AI should have established standards so that any AI products brought to

market protect workers' civil rights, mitigate risks to workers' safety, and meet performance requirements.” (U.S Department of Labor, n.d.)

Ethical Ai is important for creativity since the it requires less time and can generate any sort of videos easily . Ai should not copy the other videos or can use other any sort of information which may harm the people. Ethical Ai must respect people's privacy which is essential since developers should focus on human centric laws incorporating user feedback so that it fulfills it job with high efficiency. Transparency should be seen explaining users to trust the technologies .It's about aligning technological innovation with social values. (Gisma University of Applied Science, 2024)

Conclusion:

The aim of this report is to highlight the importance and impact of AI in creative and employment fields. The effects of AI on employment, music, art, literature, etc. regarding the copyright, patent holding and an interim conclusion of how AI should be on ethics rather than working on predictive designs. Building the ethics of AI is crucial since AI has biases and the loss of transparency as well as accountability which results in leaving impact of human life. AI should follow its ethics to respect the people's privacy and dignity. Building trust with the community which are not introduced with AI which helps to build trust and adopt the AI technologies in every field. Ethics AI is not the something that it should have, it must have and follow the regulations created by its creators. Building ethical AI results in creating a proper and well build future for our upcoming generations where technology and co-exist with human regardless of their bias which can be overcome by human. Hence, the development of AI and technologies is necessary since it reduces the human works and can be commanded by human catalyzing their works in positive way.

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