

# Artificial Intelligence and its Threats

Outline?

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Essay: (Introductory paragraph + a few body paragraphs)

The journey of artificial intelligence (AI) started in 1950s by the pioneering work of Alan Turing. He proposed a turing test to determine that <sup>whether</sup> a machine could mimic human intelligence or not. After this, in 1960s and onward, AI ~~work~~ gained momentum and many scientists started their ~~work~~ to explore more in ~~artificial intelligence~~ <sup>this</sup> field. Moreover, in the 2000s, AI research expanded and explored its new areas of study such as natural language processing, computer vision and robotics, paving the way for today's AI revolution. Hence, AI is a field that makes machines or software programs which act ~~like humans~~ <sup>and</sup> behave like human ~~and~~ <sup>by</sup> mimicking human intelligence. However, despite its impressive progress, it poses many social threats and increases the risks of ethical and privacy concerns.

Is this about pol or soc?   
 para

In political sphere one of the major threats is the usage of AI-generated content ~~and~~ to ~~cyber attacks~~ manipulate the voters and malign the image of opposition leaders. This puts a strain on the societal norms and values, to use machine generated content to defame others and disturb the flow of the true spirit of democracy. With the surge in AI research and development, most of the people depend on machine learning and natural language processing softwares to complete their tasks. Unfortunately, the people in political sphere use these platforms for their own benefits ~~and~~ to remain in power. It is evidenced by the 2016

United States Presidential election, where autonomous political bots were used to spread misinformation and fake news on social media. (AI can save democracy, unless it destroys it first by Salwa Polonski). Hence, such tactics used by <sup>political</sup> parties muddle the societal arrangement based on truth and ethical norms.

The threats of AI is not limited to the manipulation and spread of misinformation but it also threatens the security of the human beings. As the use of social surveillance cameras with AI driven technology <sup>has</sup> becomes a security concern. These cameras captured the human beings' movement on daily basis and also their behaviour of interacting with things and other people. Then by using own data, AI portray an image of every particular person and analyse their behaviours. Many studies show that the excessive use of surveillance cameras are against the societal norms. For instance, China uses AI-based surveillance cameras in offices, schools and even in public streets to monitor their citizens. Hence, this type of use of artificial intelligence damage the societal fabric and increases the trust among masses.

Moreover, AI can also be used to spread misinformation on different social platforms which becomes a threat. It increases the biasness and

follow → idea - the para discusses use of GPT  
of content Misinformation, AI can also be used to spread  
misinformation on internet using artif. There are a number of websites, social platforms and news et blogs which are using OpenAI's new release of chatGPT - chat Generative Pre-Trained Transformer. It is based on large data of natural language processing (NLP) and used to generate content based on the data ~~feeded~~ fed in it. People around the world use this platform to generate ~~blogs~~ contents for news channels, writing blogs and many other ~~online~~ publish. They even do not ~~proof read~~ proofreading the generated content and ~~publish them~~ publish them. This spread of misinformation is evidenced by the NewsGuard analysis, they found that the chatbot of OpenAI - chatGPT is actually more susceptible to generating misinformation by running a few commands on it. Hence, AI can put heavy damage to society if its false content spread without any restrictions.

Likewise, AI amplifies existing social biasness and inequality due to biased data induced in it. Artificial intelligence is made by the human beings, they are responsible of the intelligence of machines. They fed data in the machines and let such machines do the human being works on

wrong  
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Do not  
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behalf of them. No doubt can generative AI could transform society, but the human biases the technology which may put more harm to the society. These biases ~~es~~ of humans transformed to machines further fuel the fire of already existing inequalities. ~~At~~ Amazon's AI-driven recruiting model rejected women between 2014-2018 because it trained itself to penalize words such as "woman" in the CVs. Hence, biased people can be tolerated? but biased machines are ~~more~~ worse.

Artificial intelligence not only increases biasness but also it affects the intellectual development of the youth. Students are always averse to do their homeworks and monthly assignment by their own. They always find are always in search to find other assignments and copy it. This stereotype already damage the intellectual abilities of the youth. The advent of AI chatbots, however, further weakens their intellectual abilities. OpenAI's generatives generative pre-trained transformer provides solutions to all the mathematical sums and intelligence based questions by simply giving a prompt to it. Hence, artificial intelligence this type of technology threatens the abilities of intellectual development.

abilities

Recheck before submission

Relevance? ✓

Additionally, the artificial technology used in healthcare sector increases the risks of mistreatment. It leads to the rise of societal chaos and unrest. There are several health sectors across the world that are using AI technologies for the diagnosis and treatment. However, these machines are trained well about the human illness illnesses and diseases, but, when these machines used in real-world to analyze the disease, it fails to analyze in a proper way. The reason behind is, the noise and the environment of the clinics and hospitals are not well fed in machines due to which they lack in accuracy and gives false diagnosis.

According to the World Health Organization (WHO) report, AI systems are trained from data-collected from other patients, that data is not workable for other patient diagnosis, hence increases the risks of mistreatment.

Artificial intelligence also increases ~~the~~ isolation in human beings due to the usage of emotion-based virtual machines. In the last decade, <sup>people in</sup> AI field is exhaustively work over the induction of feelings and emotions in machines. They somewhat succeeded and introduced emotion-based virtual machines which answer the humans with emotions and empathise them. The trend <sup>has</sup> increased in recent years, almost ~~a~~ half of the population of the world use AI-software and machines. This emotion-based technology is now available in almost all social applications and also available online

Revise Punctuation Rules

as well. People attract more with machines rather than human beings. For Jo Ann Craver, a professor at the University of Wisconsin, says "Individuals are becoming apprentices of AI rather than the colleagues and the associates of human beings". Hence, AI worsen the epidemic of loneliness among masses.

evidence  
does not  
match  
the topic sentence