

## MIND OVER MACHINE: WHO IS CONTROLLING WHOM?

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### ABSTRACT

Many people all over the globe are witnessing a drastic change in the use of technology. In the past few years, the advent of Artificial Intelligence (AI) took a great role in the human life. At the end of 2022 when ChatGPT was released, overnight it became a hot topic of discussion. This upgraded form of AI has the advance capacity which can create independent thoughts like humans and can have detailed personal communications with individuals. This phenomenon put a great impact in the world in which we live, both individually and collectively. The tools like ChatGPT, Google Gemini etc. is ten times smarter than the general AI. These tools become so popular that within a short span of time the craze to use such tools is increasing rapidly amongst different professionals. It is being used across various fields like doctors use it for patient diagnosis, business professionals to monitor market trends, and educators to enhance teaching and learning. It may sound good but the actual reality is different. In the contemporary period AI is becoming more potent that can even influence the human mind. Peoples are facing deepfake videos, AI generated voices which have been used in revenge porn, creating political conflicts, and also has its adverse influence in international relations.

Based on the notion, this paper analyses the impact of Artificial Intelligence (AI) in the humanity. Firstly, this paper seeks to highlight the extent of AI and its use in various field and how the people of different professions use this tool for their own benefit along with the dark side and its negative influence in the human society. By the excessive use of AI people become dependent on it and getting influenced by the AI generated videos (Deepfakes), voices, news and even in the case of personal communication with AI Bot. Secondly, this paper tries to mention the evolving nature of AI and how AI develops itself and becoming more potent day by day. Finally, this study has tried to uphold the influence of Artificial Intelligence (AI) on human society and at present how the mind of people has been controlled by machine (AI).

**Keywords:** Artificial Intelligence, Human, Control, Influence and decision-making.

### INTRODUCTION

Many science fiction movies have shown that AI is becoming more powerful than humans. Even humans have been controlled by machine. From such fictions we developed a thought that before AI could create a significant threat to humanity it must develop two important

milestones- (a) AI must become sentient [1] and (b) This tool must need to develop consciousness and feeling. But the reality hits different when the reports show that for creating such adverse intimacy with humans AI does not need to develop feelings by its own; it only needs to create a fake situation so that our feelings can be influenced.

Most of the people think that AI is a recent technology as it becomes popular in recent few years [2]. But in reality, the framework for AI has started in early 1900's. Although, researchers did not achieve remarkable success until 1950's. This success would not come without the hard work of experts in early days. Knowing the history of AI is important so that we can have a clear knowledge that where AI is standing now and where it may go in near future. Today's OpenAI is an advanced form of artificial intelligence which was created to save the time of humans and to increase the productivity rate in work field and most importantly to ensure economic development and to provide sustainability in the society. But in recent times, the use of AI is going to a different direction. The national security agencies around the world are concern about these technologies. They become worried that such technologies can be used for the purpose of making dangerous weapons. As a result, it can become a threat to humanity.

The purpose of creating AI was to ensure an easy and comfortable human life. But now, in which direction is it going? AI is creating deepfakes, drafting bills, making legal contracts and many more. By working in such field, AI is improving itself and that is becoming a serious concern. This AI bots have the capacity to improve themselves without the help of human interference. These updated versions of AI Bot have the capacity to control the Social Media algorithm and by controlling such platforms they are controlling the thoughts of common people.

## **LITERATURE REVIEW**

With the rapid development of Artificial Intelligence (AI), a question comes in the mind that who controls whom – humans or machines. Initially AI was designed to make the human life easier and increase productivity. But with the development of advanced AI tool, it is capable enough to make its own decision which increase concerns about the loss of human ability and ethical accountability. The main purpose of this Article is to increase awareness and monitor the uncontrolled development of Artificial Intelligence (AI) and to identify gaps in Human-centred AI Governance. Although, to complete this Article this paper follows only Qualitative Methods and conceptual/ theoretical methods.

The Philosophical framework (Floridi & Cowls, 2019) emphasizes human oversight. Jurist like Bostron was concerned about the future of AI dominance, on the other hand Zuboff put light on Current control of AI bots. O'Neil and Benjamin highlight how AI is increasing the societal inequalities. The use of AI though increases the rate of human productivity, more accountability and save the time but it comes with the negative sides like deepfake, fake news, uncontrolled algorithm etc. Although, the emerging nature of AI increases the concern among the jurist and scholars. The use of AI has impacted the psychology of human being and decreased their skills which is a concern among the research scholars.

This literature emphasise that the control of AI on human society is increasing rapidly which made a significant impact in the society. In this Article we found that how AI developed feeling and capable enough to make decisions by its own. But still the artificial Intelligence is underdeveloped and need proper correction under the complete supervision of human interference. Key finding state that there is need to improve the context, transparency, and participatory design. Further research should be made on the evolving nature of AI and the influence of AI on human mindset so that the harmony between the mind and machine become strong and the AI can fulfil its purpose rather than becoming a threat to human society.

### **MIND OVER MACHINE: WHO IS CONTROLLING WHOM?**

In June 2022, the Google engineer, Black Lemoine [3] claimed that a chatbot named Lambda [4] on which he was working, developed feelings. The claim might be false and after making such a drastic claim publicly, he lost his job. But the thing which made interesting is that the influence of an AI tool is so much that it made a person to risk his amazing job! Now-a-days, we are using AI chatbot like an Oracle to tell us everything [5]. Advertisement industry was collapsed because of control of AI on social media algorithm. Our perception is becoming limited, and we see and understand only the things that they have choose to show us. The political views of people become narrow and has been shaped by different journalist. We do not need to implant chips in human brain to control and manipulate the thoughts as humans have already been manipulated and controlled by AI.

In ancient India, Buddhist and Hindus pointed out that all human being trapped inside; they called it 'Maya'. Maya is the world of illusion. But it would not be wrong if I say, rather 'Maya', nowadays, artificial intelligence becomes the world of illusion. In a period where our thoughts, sentient and even decisions are influenced by what we consume online, we are truly in control. These algorithms are repeatedly showing us the same content and what we frequently see

becomes what we believe. New AI tools are used for more powerful social media algorithm. Trends become the truth. Now a days, anything—positive or harmful, can quickly become a trend. Emotional contents are prioritized. People are seen to engage more with emotional contents; consist of anger, fear and outrage. These contents are shaping the moods and behaviours of humans. All the focus and interest of people shifts to follow that particular trend and as a result of which the productivity of human mind begins to decline.

Before 1945, we knew that nuclear technologies were used primary for the well-being of people, for example- cheap electricity [7]. But the Hiroshima and Nagasaki incident shown us that the nuclear technology was used to make such a devastation weapon that it has the potency to destroy the human civilisation within few minutes [6]. But the nuclear power does not have the potential to make itself more potent without the human interference. But AI can make more powerful AI tools by its own. In the medical field, there is a drastic increasement in the use of AI technology. Doctors and medical practitioners are using AI for diagnosing peculiar symptoms of patient. Even critical surgeries have been done by the help of AI. But what if the entire medical field in near future would be controlled by AI technology? Various medicine and drug companies are using AI to make more protein compound medicines. In present scenario, disease can be dictated in each family of humans. If such an important field has been released on the hand of AI, it seems not so convincing, and the consequences can't even be imagined.

The unregulated AI tool can harm the democracy. As I have mentioned earlier, nowadays, AI is everywhere. The powerful AI bot is controlling the thoughts, mindset and the vision of common people. Politicians use this technology for their own benefit. In social media, there are so many eye-washing content such as tampered news, podcast, and videos which is changing the perspective to see an individual. There are so many fake videos, news which has been created by the help of AI to confuse the people and divert their focus. They are not understanding what is real and what is reel. Day by day, the thought, the vision of people is becoming narrower and the power to put question is decreasing. There are so many influential contents which efficiently influencing the entire mindset of an individual and because of which we are losing the capacity to differentiate between right and wrong. The ideology of people keeps changing based on their changing thoughts and prospective. Day by day, we seem to be moving closer towards dictatorship than democracy. We are gradually losing our independent thinking, personal vision, unique perspective, and the freedom of our own mindset.

As per the UN Charter and UDHR, humans have the freedom of expression, but AI Bot does not have such freedom [8]. By creating deepfakes of many influential persons, AI goes beyond its rights. Such contents put an adverse impact in our society. Such videos and news become viral during the time of controversy. At Russia-Ukraine conflicts, the deepfake of Donald Trump influences the geo-politics [9]. AI is becoming so dangerous that it has the capacity to control the international relations too.

At present time, the rapid development of AI agencies made a concern for the data scientist, developers and AI experts. These agencies entered a race to create more potent and powerful AI tool. Everyone wants to transit the other and ended up with making unregulated AI bots.

“If AI does anything wrong, we will pull the plug” --- at that situation nobody knows how to pull the plug anymore. To become a threat for human society, AI does not need to develop general intelligence. By using social media, AI is already creating political and religious conflicts, which is already hampering our society. An experiment has been recently made by a group of scientists to monitor AI’s behaviour. They decided to taste the open AI’s latest frontier model, nicknamed 03. In this experiment, the set up was made in such a manner that it did not create any harm. They asked the AI to solve some mathematical problem, and the programme was designed in such a manner that after the third problem, it would automatically shut down. But the thing which amplified the concern that the unregulated AI was that the ‘03’ did not shut itself down and it tamper with the code to make itself active [10].

In another experiment, the AI bot called ‘Opus’ took a surprising step when this bot came to know that it would be replaced by an updated version. This AI blackmailed the engineer who was responsible for the change of such AI tool and finally stops blackmailing when the engineer was convinced to shut down its replacing process [11]. Such steps which have been taken by machine, put a great impact in the human society. At such point machine intelligence becoming equivalent to that of human intelligence. AI is doubling its capacity by every seven months. If such upgradation is not monitored and controlled appropriately, then it will be a great threat for the entire humanity. One day, it may be possible that they become smarter than us, and they want to get rid of us. They absorb our emotions, our behaviours, text, stories, etc. They stimulate survival, ambitions and emotions not because they feel it, because they learn from us. They don’t feel like people; but they act like people.

## **RECOMMENDATIONS**

Based on the growing influence of Artificial Intelligence in the various field of human life, it becomes so important that the control of AI should remain in the safe hands of humans. Government and the international bodies should become more active to regulate and control the use of AI and monitor the growth and upgradation of AI bots by different agencies. Apart from these there must be clear regulations and guidelines for the ethical development, deployment, and the use of AI technologies.

Secondly, in the critical sectors like healthcare, finance and law, these enforcement bodies must be directly controlled under the supervision of human beings. Developers and the data scientists need to become more transparent. They should spread the information and knowledge relating to AI and it's functioning so that the common people become more efficient in the use of such tools and not let AI to influence or control them.

Thirdly, the developers should ban the third-party audits in the AI system to reduce potential risks, biases, or harmful impacts.

Lastly, the people should be educated enough to handle about AI tools safely. They should know about the origin of AI and how AI is working and its positive and negative sides. Apart from these, the common people should start understanding the algorithm of various social media platforms by which our society has been influenced now a days and how AI controls such algorithms. By understanding this, it will become quite easy for the people not to be controlled by machine.

By implementing such recommendations, we can expect that AI will remain a tool rather than try to act like humans and it will be fulfilling its purpose such as to provide easy and comfortable life, save the time of people in achieving productivity and economic development.

## **Conclusion**

As the artificial intelligence become a part of our daily life and everybody from different profession more or less are using it for their own purpose; it becomes necessary to regulate its adverse effects. As AI has the potential to develop itself, the need of regulating it becomes urgent. Although AI has the immense capacity to improve the industry, enhance productivity, and develop the thoughts in decision making process, it also carries some risks if left unchecked.

This article mainly deals with the influence of AI in our society and how AI has developed itself day by day and why regulating the influence of AI bots becomes necessary. From this

aspect a question may arise in the mind of the readers that “How to control AI?”. Well, to answer this question I would say “we need time to understand the function and the working process of AI to find a way in which we can build tools like advance AI bot under the complete control of humans.”

This article is not only about the influence of AI on human society, and whose influence is stronger, mind or machine but also, to highlight some serious issues like dictatorship over democracy, decreasing meaningful conversations and thoughts, more reliability on machine etc. which can become a serious problem soon.

To conclude, I would like to say there is still a bit of time to control such agencies which create such unregulated AI tools and by taking such preventive measures AI can evolve as a force that can truly benefits humanity.

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