

Topic: Artificial Intelligence has overstepped its bounds

① Introduction:

While Artificial Intelligence has been beneficial to humans on different fronts, it has become a threat to the humanity in the form of manipulating the reality, controlling the human mind and paving way to the human destruction via automated weapons.

② Artificial Intelligence and its development:

- a) The basic idea of Artificial Intelligence
- b) A brief developmental history of Artificial Intelligence.

③ Artificial Intelligence has overstepped its bounds in the following forms, i.e.

- a) The breach of the privacy
- b) Violation of the copyrights and patents
- c) The control of the human mind
- d) Manipulation of the reality
- e) Discourages the flow of capital
- f) Exacerbates the chances of job loss
- g) Fuels social divide
- h) Rejuvenates the new AI arms race

④ Positives of Artificial Intelligence

- a) The diagnose and treatment of diseases
- b) The increase in workers' productivity
- c) Helps in making complex decisions

⑤ Future pathways to ensure the legitimate use of Artificial Intelligence

- a) Consensus based rules and regulation
- b) Establishment of intergovernmental independent organisation

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• a) propagation of awareness programs

b) Conclusion

In recent years, the global community is confronting with severe challenges disrupting the peace and prosperity throughout the world. Among these challenges, the day-by-day advancement in Artificial Intelligence has made it almost impossible for anyone to ensure security and privacy. This needs to be stopped at the earliest. While Artificial Intelligence has been beneficial to humanity on different fronts, it has become a formidable threat to the humanity in the form of manipulating the reality, controlling the human mind and paving way for the human destruction via AI empowered automated weapons.

Before discussion on the uncurtailed use of Artificial Intelligence, it is mandatory to grasp the basic idea of it. Artificial Intelligence, in simple words, is "human intelligence". It cooperates with the users by mimicking the thinking patterns of humans. It makes decisions without the human interference.

According to Britannica Encyclopedia, "Artificial Intelligence is an area of computer science that deals with giving machines the ability to seem like they have human intelligence." However, it is also important to understand that it is trained by paning the software through the input of billions of resources. It makes decisions by giving answers with the help of the data, which the software possesses. It can't innovate and think like humans.

For example; Customer relationship management through chatbots; internet searches, and personal assistants are some of the most common applications of AI.

Artificial Intelligence development is not an abrupt phenomenon. Its developmental roots dates back to the years after world war II. The field of AI research was founded at a workshop held on the campus of Dartmouth College, USA during the summer of 1956. Many researchers from different fields of studies like Psychology, economics, computer science and engineering attended that workshop. They conceived that a machine as intelligent as a human ^{being} would exist in no more than a century. generation. Hence, in 1974 Japan made the first anthropomorphic robot, a robot capable of reproducing some of the characteristics of man, by imitating distinctive features such as appearance and movements. After this development, the developing countries started making advancements in Artificial Intelligence, and resultantly the first decade of 21st century saw groundbreaking innovations like Machine Learning and the recent ChatGPT by Open AI, speaks volumes of the developmental potential of Artificial Intelligence.

On the basis of incredible potential of AI, one might wonders of the dark side of this new era of advancement, which is indeed being experienced throughout the world.

The first major disruption emanating from the powers of AI is its ability to intrude into anyone's privacy and personal information. All of us are using social media apps like Instagram, WhatsApp, ~~and~~ X, formerly Twitter, Snapchat etc. These apps have complete impunity to read our conversations on other apps and collect our personal data. This means, we are exposed to the rest of the world, because

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they can sell our data and make money out of it. Moreover, the Google map Google map, it has the information of everything one searches for, starting from finding location of a shopping mall to the fast food centre. It knows everything. They might be beneficial, however the heightened risk of this data if ^{being} stolen by the scammers or blackmailers, one may succumb to losing all ^{one's} hard earned money. Thus, it is the Artificial Intelligence, which is making our private lives public.

Apart from stealing privacy, another concern among the writers and publishers is the unlawful use of their write-ups on different AI tools like Open AI's, ChatGPT and Google's, Bard. These writers have spent hours in producing wonderful content. However, as AI's tools are trained on pre-existing data, these tools steal that data and come up with answers in seconds, in response to queries asked by users. This highly impacts the global laws regarding copyrights and patents. Since, hard work is done by someone else and money is made, out of that work, by someone else, it highly makes the use of Artificial Intelligence ^{immensely} threatening. This largely discourages the content creators and intelligent minds to come up with new and innovative content, as their work is being breached and stolen by the artificially trained machines.

The unbridled powers of Artificial Intelligence is also controlling the human mind. For instance, if someone had searched something in the past, like by watching a video or images. That person will see images and videos popping up on his/her social

app. This is largely happening because it has the access to our past activities. Simultaneously, Resultantly we may distract from what we actually wanted to see. Moreover, if one p wants to search query on Google's search engine, it already knows what one thinks by coming up with precise suggestions. Hence, humans follow what machines tell them. It is the power of artificial intelligence making our lives and minds controlled.

Another frightening ability of Artificial Intelligence is the manipulation of reality. This means individuals, organisations and countries can come up with fabricated content damaging the reputation or propagating false news against the target individuals, organisations or countries. According to a report, published in The Economist that Donald Trump, former US President, was in the custody of police forces. Similarly, it was also reports that a fabricated image of Ukrainian President, Volodymyr Zelensky, asking his people to give in to the Russian's invasion. Later on, it was confirmed that such images were fake and manipulated. On the basis of such reports, one might think that AI if used for satanic purposes can put the world into a global conflict. That's how, Artificial Intelligence has overstepped its bounds by presenting us deep fakes, nearer to reality.

On economic front, Artificial Intelligence can halt or diminish the flow of capital into and out of hands. Since, the world is sp gearing towards more and more use of AI tools like robots and electric cars. These tools and technologies

largely benefitting the owners of these technologies and those who are purchasing them. Resultantly, the flow of money is happening between only two parties by eliminating other parties like individual workers. If this ^{continues to} happens for a longer duration, the world might see another reason of the social divide. Therefore, increasing reliance on artificial intelligence is ~~make~~ withholding or limiting the flow of capital.

This reduction in the flow of capital, owing to increasing dependency on robots and machines ~~the~~ can exacerbates the chances of job loss throughout the world. For instance, robots machines are being used in operation theatres, performing complex surgeries. They are used in making cars and doing other administrative work. As per the CNN news channel, India has created a robotic news anchor, close to the human physique. It is just the beginning. In the upcoming years, one might expect robots teaching in physical clothes. All of these happenings, point towards one threat/danger. The reduction in the need of humans. In the upcoming years, business owners will not required humans, as they will have productive and emotionless robots working for them. Artificial Intelligence is increasingly ~~do~~ making itself available, diminishing the need of humans, hence huge chunk of human population might face unemployment.

The increasing threat of unemployment will fuel the social divide among different classes. The business owners, developers and investors will become richer and richer. While, the struggling class of the society will find it difficult to compete ~~to~~ with the rich. Unfortunately, it is already happening.

The technologically developed countries ~~are~~ having companies like Facebook, Google, Tesla and Amazon; they are leading the rest. The Global North is, for several years, making the rules of the world order. On the basis of these facts, it is imminent that in the upcoming years the divide in the global society will deepen and leading to another era of authoritarian governance. Thus, AI if and, possibly, can become the reason cause behind the protected and the vulnerable of the world by deepening the social divide.

Lastly, the unprecedented powers of Artificial Intelligence can pave the path, and is already paving, towards the new ~~race~~ ^{for} weapons. This will change the rules and dynamics of the international ~~work~~ conflicts. For instance, as per the report of Al-Jazeera News, Turkiye used AI powered drones against the Haftaar militants in Libya. They were retreating, however, those drones ~~and~~ indiscriminately hit the militants, which is against the rules of war. This means, AI powered weapons, if used in the war, will ensure disastrous casualties, and may wipe out the huge chunk of population. Moreover, countries are increasingly leveraging their military strength by ~~using~~ Artificial Intelligence for surveillance, ~~or~~ spying and other war. Hence, the wealthy nations can hit and threaten the poor ones by using artificial intelligence. Resultantly, this will create chaos in the whole world, and every country will run for accumulation of AI based weapons.

Privacy issues, copyrights problems and the new arms race are indeed some of the unbridled threats of Artificial Intelligence. However, some of the people highly appreciates, the ^{AI's} positive impacts.

on people's lives.

They argue the positives of AI regarding its use in the medical field. In fact, it is a fact that Artificial Intelligence has revolutionised the medical field by aiding the medical staff in diagnosing and treating the diseases. For instance, kidney stones are treated or broken with the help of laser technology. Similarly, AI based technology now can tell the gender of to be born child. However, these benefits in place, it is always neglected that these technologies powered by Artificial Intelligence are replacing the doctors and nurses, which usually performs such tasks. Moreover, there is always presence of risk factor that what if the machine stops operating in between the operation. What if the patient dies due to machine's malfunctioning or if it ^{presely} diagnoses disease. Resultantly, these machines are not only causing job loss, but also they may become cause of the loss of human life.

Moreover, they argue that the use of Artificial Intelligence saves one's time and increases productivity. However, they don't take into account the waste of the hardwork of by others, For instance, the use of ChatGpt has immensely increased the productivity of people. As they can easily extract the required information, instead of scrolling through hundred of web-pages. The other side of the story is that it limits the creative thinking. It halts the unique perspective, which is established, after reading the write-ups of different publishers. Similarly, the use of such tools, as discussed earlier, is a sheer violation of copyrights. It is a crime. Undoubtedly, Artificial Intelligence based

tools & enhances productivity, but it violates the basic rights and diminishes the prospects of innovation. Lastly, ~~it~~ it is true that Artificial Intelligence tools helps in making ^{complex} decisions. For instance, businesses can easily forecast the future course of supply and demand. On the basis of those predictions, organisations can make pre-planned decisions and establish goals. Similarly, AI tools can also help in forecasting the weather trends. However, it should needs to be understand that these tools make predictions based on already available data. Similarly, it is not guaranteed that data used by these tools ~~are~~ ^{were} from credible sources. Resultantly, there are chances that prediction made by these tools, come out wrong. It will not only be a catastrophe for individual organisation, but also it will be an onslaught on the dependents. For instance, a false diagnose of a disease will ^{not only} threaten the life of a patient but also damage the reputation of that organisation. Therefore, despite being helpful in making complex decisions, it always carries uncertainty with itself.

On the basis of above discussion, it has become established that Artificial Intelligence despite having positives, its negatives outweighs the former. Hence, it needs an immediate resolution to such negatives.

The first ~~in~~ necessity is the formation of rules and regulations regarding the authority of Artificial Intelligence. AI, just like climate change is a global threat. Hence, it is the responsibility of every nation to pay heed to this looming threat. Just like carbon emitting nations pay as a compensation. Similar to that, those who are

Using the technology of Artificial Intelligence for propaganda purpose or fulfilling their personal interests; they need to be penalized and also should be imprisoned for several years. Deep fakes, fabricated images and videos, can become a cause of someone's death or ~~the~~ loss of ~~one~~ someone's career. Therefore, there is a need of national level policy that those who if found to be using AI for such things, must be punished harshly.

However, the threat of AI is not a national issue. It is a global problem. Since, a country can do false propaganda against its rival. ~~As~~ This might lead to a bilateral war resulting in the conflagration of multilateral war. Therefore, similar to International Court of Justice (ICJ), an independent body should be established to ensure that the use of Artificial Intelligence is just benefitting the whole world. ~~So~~ Moreover, not only just formation, this body should establish international laws regarding the development of AI tools, and those who are actively involved in an endeavour to further empower the AI tools. This, in result, will be a platform for all the organisations and countries to submit their complaints, and to ensure equal level playing field.

lastly, It is the responsibility of every concerned authority to spread awareness regarding the ~~the~~ ethical use of AI and the probable threats one might experience. For instance, the M. media can ~~be~~ organise awareness programs. Similarly, the Non-governmental ~~the~~ Organisations (NGOs) can hold seminars in public gatherings to aware

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general public regarding their privacy issues due to AI. Academic institutions can play their vital role in making the children and teenagers aware regarding safety measures while using social media apps and browsing on internet. Resultantly, it will lead to a global awareness campaign, and it will act as an impetus to compel the multilateral organisations to ensure the ethical use of Artificial Intelligence.

To conclude, the whole discussion, it has proved that Artificial Intelligence has become a danger by stealing away our personal information and by faking the reality. This needs and demands a concerted effort to bound the ever-increasing authority of Artificial Intelligence. Otherwise, we may become the victims of privacy breach, copyrights violations, and above all may lose our jobs if an artificial machine starts doing our duties. Undoubtedly, Artificial Intelligence has benefits as well, but as it lacks rules and regulations to work for the advantages of the global community. If timely actions are not undertaken, we may experience another global war of machines.