

Topic: Artificial Intelligence is a mirror, reflecting not only our intellect, but our values and fears

Outline

1. Introduction

Thesis statement: Evolution of AI testifies not only to human intellect, but also to the associated fears and values. Like with any other invention, the initial phase is riddled with concerns and the fear of uncertainty. However, in due time the fears and values will be sorted out and AI will be the new agent of revolutionizing the human society.

2. AI and the kaleidoscope of human intellect, fears and values

3. AI^{as} reflection of human intellect

- a) Boosting global economy
- b) Advances in healthcare systems
- c) Industrial revolution 4.0

d) Revolutionizing defence sector

e) Transformation of literary world

4. AI as reflector of human fears and values

a) Displacement of human labor

b) Ethical concerns related to AI

c) Escalation of discrimination

d) Portending catastrophic events

e) Disrupting the human culture

5. Advancing intellect and addressing fears and values

a) Provision of high skilled jobs

b) Overcoming human limitations

c) Steps to regulate AI

d) Cultural change in progress

e) Transition to a peaceful world

6. Conclusion

Bertrand Russell points:

"Humans fear thought - more than they fear ruin or death."

This highlights the human resistance to a novel idea or a change. The same inertia can be seen with respect to the acceptance of AI.

Although, the advent of AI is in itself a testament to human intellectual prowess; ~~it~~

It has been overpowered by the concerns and fears related to its possible impacts. AI promises transforming the global economy, advancements in healthcare and progress in defence sectors. All these can be attributed to the human intellect that develop AI. But certain valid concerns such as AI displacing human labor, AI propagating biases and ethical issues with AI, are also the truths that AI reflects. The way forward is to sort out the fears and values related to AI, so that AI can become an agent of revolutionizing the human society.

Before delving into the dynamics of the topic, a perfunctory understanding of AI

and its facets is essential. The term 'Artificial Intelligence' (AI) was coined by John McCarthy in 1956. He defined AI as: "The science and engineering of developing intelligent machines."

Today, AI is defined in broader terms. It is the process of developing machines that can perform human tasks such as those of learning, perceiving and decision making. The advent of AI has become the hallmark of the present day information revolution. AI is being regarded as the cornerstone of all future developments and progress. Although the invention of AI and the benefits it brings, highlights human cognitive potential, the concerns such as the ethical use of AI, the transparency and accountability of AI and impact of AI on human values and culture, attests that proper guidelines and policies regarding the use of AI need to be articulated.

One of the major reasons that AI is regarded as the harbinger of human intellect,

is the benefits it brings to the human economy.

AI can prove to accelerate the ~~human~~ global economy due to its efficiency and precision.

A report by PriceWaterhouseCooper highlights that:

"AI can boost the global GDP by 14% by 2030."

This illustrates that AI has significant potential to exponentially increase the global development and thus, AI can rightly be denoted as the mirror to human intellect.

In the same latitude, AI has great potential to advance the contemporary health-care systems. It can help with organizing patient data to predict prognosis of diseases, it can help to make imaging devices more precise and it can also assist with different interventional and non-interventional medical procedures. An example of AI boosting the healthcare system can be seen through Merandix, a German AI company that uses ~~the~~ deep learning in medical systems. It has helped to detect

Lymph nodes in the computed tomography images. Hence, AI can significantly contribute to the healthcare sector and is, therefore, an illustration of human potential.

In a similar manner, AI can be called as the trigger for the Industrial Revolution 4.0. It is contributing significantly to different manufacturing sectors and helping in the automation of vehicles and other technological instruments. The infamous Tesla self-driving cars embody the prowess of AI. It depicts that the future of transport and communication lies with AI and thus, AI is bringing forth the fourth industrial revolution. This again, mirrors the power of mankind's intelligence.

AI is also playing a crucial role in revolutionizing the defence sector. AI has a myriad of applications from data analysis to surveillance and in the command departments. An illustration of use of AI in defence sector can be seen through the

Project Maven of US Military, which uses AI to sift out tonnes of intelligence data. Thus, AI indicates the importance of AI to the defence sector and signals the craft of human brain.

In the same vein, AI is transforming the literary world. The creative potential of AI is in the nascent stages but it is still bringing to light new perspectives. An example of this is WASP software, a robotic poet, developed by Pablos Grever. Additionally, another AI software by the name of DeepBeats, is creating creative rap lyrics. Hence, this demonstrates that AI can broaden the scope of contemporary literature and this further testifies the talent of human mind.

Not only does AI reflect human intellect, it also portrays human values and the fears pertaining to AI. Of the numerous fears concerning AI, the greatest one is that it will displace the human labor. Due to AI's potential efficiency and accuracy, there is a widely held concern that AI will be

stealing the jobs of humans. This has been demonstrated in a report by the World Economic Forum, titled 'Future of Jobs'.

The report states:

"About 85 million jobs are at risk of being replaced by the machines."

This depicts that the concerns related to the loss of jobs for humans are, indeed, valid. Thus, AI reflects the fear of human kind.

Another serious concern related to AI is that of its ethical transgressions. From intrusion of privacy to the lack of accountability and transparency, ethical concerns regarding AI are prevalent. A manifestation of these ethical concerns is that in the year of election, 2024, Open AI has drafted and incorporated Anti-disinformation tools in its generative AI to prevent any possibility of altering the election results in any of the countries. Hence, this brings to limelight the fear of mankind regarding the ethical issues with AI.

In addition to this, a further fear is that AI will magnify the present biases and discrimination. Often the data incorporated in AI is prejudiced and it can easily manifest with the users. This fact was highlighted by the EU Tech Chief, Margrethe Vestager, who contended that:

"A pressing concern regarding AI is that it can amplify bias and discrimination."²⁸

Therefore, it can be seen that AI can aggravate bias and discrimination and, thus, it highlighted the human fears.

One apocalyptic fear regarding AI is that it portends catastrophic events in future. With the advent of automated ballistics and sophisticated AI guided arms, the world could witness destruction like never before. The use of drones by different global powers to dismantle the peace of their opponents, highlights that the use of AI in military weapons can be devastating for mankind. Hence, AI mirrors the grave fear of mankind related to it.

destruction.

One concern that percolates throughout the global societies is that AI will disrupt the human values and ^{culture} ~~civilization~~. Any material innovation like AI brings with itself certain non-material values. Even if people accept the material innovation they take time to adapt to the changing values associated with it. Thus, a grave concern of humanity is that it will sicken the contemporary human culture as highlighted by the historian, Yoram Noah Harari, who argues:

"AI has overwhelmed the human intellect and will soon devastate the values of human civilization."

Therefore, it can be adjudged that humans have serious concerns regarding the values that the society holds and this is mirrored through AI.

While it is established that AI mirrors both the human intellect as well

as human values and fears, it is important that the way forward to the AI dilemma is that fears and values be addressed and human intellect is advanced. One way it can be achieved is by the provision of highly skilled jobs. With AI, the likelihood of repetitive and mundane jobs ~~being~~ replaced is high. However, it gives a chance for human mind to seek highly skilled jobs. Such jobs can include that of an AI software engineer, AI regulator, Data scientist and research analyst. Thus, AI can take over the menial jobs and humans can advance towards better skilled jobs. In this way AI provides a segway for human fears to translate to human intellect.

In addition to this, AI has the potential to contribute in areas where human limitations ~~become~~ become the limiting factors. AI has the potential to be adaptive, precise and elaborate. This can be utilised to enhance the productivity

and minimize chances of human errors. An example of this is robotic neurosurgeries. Humans often lack the fine movements to navigate through the minute nerves and vessels of the brain. But, AI powered robots can perform such surgeries ~~not~~ meticulously. Thus, AI can come to assistance where human limitations ~~can~~ become a hindrance. Thus, AI provides a conduit to transform human fear to human benefits.

Similarly, the concerns related to the ethics and transparency of AI can be mitigated. While AI reflects the human fear of ethical exceeds, it also provides an opportunity for human race to work their brains to figure out a solution. The recent AI Safety Summit at Bletchley Park, UK testifies that human intellect is coming together to resolve its fears and the medium for such a nexus is that of AI.

In the same waylength, AI is going an opportunity for the human race to experience a cultural change. Keeping at bay the fears for degradation of human values, the new perspective is that like all innovative inventions of the past such as TV, Internet, Social Media, AI is also going to transform the human values. The present day Gen-Z is well versed with the nuances of AI and for them AI is going to be a significant player in defining their values and culture. Therefore, AI not only mirror the human values, but it is also reflecting on the imminent cultural change that the human society is bound to witness.

A positive approach towards AI would be that it can serve to be the proponent of transition towards world peace. While the humans fear that AI would take over the world, the other side of the coin is that AI could be mankind's ally to bringing forward a peaceful world. It can

contribute to mitigating the root causes of war and disharmony by bringing equitable development in economic, health, social and political fields. Moreover, instead of hundreds of soldiers being laid to rest due to conflicts between nations, AI can serve to replace the human losses. Likewise, the looming threat of climate change can be resolved through the novel solutions of AI. The CEO of Open AI, Sam Altman, encapsulates the gist of AI debate by saying:

"AI can lead to drastic progress for mankind. However, the potential risks need to be addressed."

Hence, AI provides a collaborative platform where world can transition towards a peaceful environment. This illustrates AI being at the centre of human fears and values and the human intellectual potential.

To conclude, it can be said that AI mirrors not only the human intellect,

but also the human values and fears. It reflects on the human intelligence through the benefits it brings to global economy, to the healthcare system of the world and its transformation of the literary sector. Moreover, it manifests the human fears and values through the ethical concern related to AI, the possible aggravation of biases and the likelihood of catastrophic events in future. The way forward is that the values and fears should be addressed by proper steps to regulate AI and by using AI as a medium to transform the world into a peaceful place.

