

Will Artificial Intelligence make humans useless?

— Outline —

1. Introduction

Artificial Intelligence is an unprecedented challenge, and the greatest opportunity for human beings. Despite certain negative predictions, there is a great hope that instead of making humans useless, it will help them to achieve their full potential.

2. Understanding the immense potential of artificial intelligence.

3. Factors indicating that Artificial Intelligence will make humans useless

- a. AI taking away not only simple but also most complex and creative jobs.
- b. Threat of replacing humans in the realm of emotions
 - i. AI tools replacing humans as intimate partners in future

ii. Artificial pets, a luxury replacement of natural pets.

c. Fear of robot centric world in future.

4. Artificial Intelligence enhancing human potential instead of making them useless.

a. Role of AI as an assistant of humans.

- Processing complex informations with least human effort.

b. Increased efficiency due to AI provides great help in many fields

- i Decrease in number of accidents
- ii Sophisticated surgeries with high precision in future.

c. Potential to replace human experts in fields like agriculture and pharmaceuticals

- Ending threats like famines and diseases efficiently

d. AI's ability to transform individual lives

- i Personalised trainer and doctor

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- ii. A system of personalised entertainment
- 5. Suggestions to avert the threats regarding AI making humans useless
 - a. A need of new ethical code
 - b. Requirement of government regulations
 - c. Raising awareness regarding AI
 - i. Stopping children from cheating and consumers from being manipulated
 - ii. Awareness ^{about} ~~from~~ biasness and irregularities in AI tools.

6. Conclusion

There was a time in history when humans were not as significant specie on Earth as they are today. But there is a threat that this superiority of humans can be lost in coming era. This time the threat is not from any other natural being, but the danger lies in man made artificial intelligence. The threat is essentially that artificial intelligence will take away all kinds of jobs including those involving highest level of creativity. Moreover, the position of human beings as emotional beings is often under threat. There are predictions that artificial intelligence can obtain similar level of emotional intelligence as humans have. In spite of having some horrible predictions regarding future of AI, it is often a beacon of hope that it will emerge as an unprecedented friend of humans helping them to achieve their full potential. Having

both positive and negative sides, it is important to regulate AI so that its benefits can be maximized and possible negativities can be avoided.

Understanding the huge potential and capabilities of artificial intelligence is very crucial. It is an imitation of natural intelligence in which machines have been empowered to take logical decisions by processing the information they have. It is of enormous potential because it can store more information as compared to thousands of human beings. Moreover, the processing speed of machines is often countless times more than humans. It is the immense power of artificial intelligence that humans are concerned regarding the future of artificial intelligence.

Due to immense size and overwhelming potential of AI, the threat of losing jobs by a large majority is already

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looming. A report of Canada One reveals that till now, more than million people have lost their jobs to Artificial intelligence. A report of Guardian manifests that in very few years, 85 percent of jobs related to customer care will be replaced by the artificial intelligence. It means that hundreds and thousands of people from developing states who are linked with this sector will lose their job soon. Moreover, fields like management, and those involving limited decision making have already been taken by artificial intelligence.

But the shocking factor is that not only simple and managerial jobs are under threat, but those involving highest level of creativity are after threatened to be replaced. For instance, ChatGPT has potential to write poetry in multiple language. In 2015, an AI tool wrote article on earthquake in

California by taking data from Seismographs. Moreover, complex jobs like copywriting and advertising which involve sparking human emotions are expected to be fully under artificial intelligence's control.

Hence, the danger is not limited to the realm of logic, but it is often extending to the world of emotions. A robot named Kismet can interact with human emotions. It can understand the human feelings from body language and verbal tone. A researcher David Levy predicts that emotional intelligence of AI tools will grow to level that after 2050, the marriages between humans and artificial intelligence will become common. It is often an indicator that in future the status of humans as intimate partners of one another will be replaced by AI tools.

The more practical manifestation of artificial intelligence

intruding into emotional lives of humans can be seen in the form of artificial pets. These pets can act, feel, and behave like natural pets. The greater benefits linked with them are reduced prices, and lack of need to take care of their feed and cleanliness. With great benefits, and similar feelings, while simultaneously avoiding the daunting tasks linked with them makes them a perfect choice for any pet lover.

Artificial intelligence tools being fastly entering into intelligent and emotional life of humans are posing a major threat to a human centric world order. AI is still considered as infant as compared to its future possible size, and even at this level its impact is overwhelming. Therefore, there is a fear that future life on Earth will be robot centric. Owing to rise of capabilities like self-

learning, and self-repairing, there are chances that in future, they will achieve the capability of reproduction, which will lead to rise in their power. Moreover, their ability to self-learn make them evolve, and it makes the danger more pragmatic. Famous Scientist Stephen Hawking often confirmed this threat that AI can become the biggest enemy of humans in future.

The given arguments picture a horrific future due to artificial intelligence, but it is only one side of the coin. Despite posing some challenges, in the words of Sundar Pichai, it is often the greatest transformative tool for the humanity. Due to its huge size, it has great potential to positively impact human life, and can help to achieve the pinnacle of growth.

Though, there is a

fear of losing jobs, but as Jack Ma said, "It is not taking away jobs, but it is replacing a lot of stupid jobs with intellectual jobs."

AI can be understood as an assistant of human beings. For instance, it helps in gathering information, processing it, and simplifying human jobs. There was a time, when humans need hours to analyse any data, but now AI can do any such tasks in minutes. Any complicated mathematical or engineering problem can be resolved with much less hard work.

Along with increase in speed, AI is often manifesting the peak of efficiency. In 1997, Chess world champion ~~was~~ defeated by Artificial intelligence. A study reveals that more than 90 percent road accidents will not be seen due to AI drivers replacing human drivers. Certain tools installed in Indian trains are already

showing great efficiency in reducing the number of accidents. Moreover, in medical surgeries, where complex and highly sophisticated moves are required. There is a need of high precision which is usually compromised with ^{human} hands. But replacing human surgeons with robots are often expected to perform complex tasks with much less error.

Another great role of AI that is expected is to replace human armies in fight against enemies of humans. An example of it was seen that when a deadly snake in a palace in Qatar was removed with the help of AI robots. The robots not only captured snake, but later helped in releasing that snake in jungle. Moreover, famine which has always been one of the greatest enemy of humans, can often be eliminated by exploiting AI tools. By engaging

with satellite technology, investigating weather and soil condition, and by applying the countless knowledge it has, AI has potential to give results better than any level of human expert. Furthermore, AI has a great potential to revolutionize whole medical and pharmaceutical field. By analysing any kind of pathogen, it would be able to defeat any kind of threat like COVID-19 in future.

The benefits of AI are not ~~only~~ expected to be limited to collective scale, but would often play extensive role in reforming individual lives. For instance, certain mobile applications, which are already present on limited scale, act as a personal trainer, doctor and even as a friend. In future, AI tools will keep a proper record of human health, and will give suggestions accordingly. Moreover, AI tools will often work as financial assistants and advisors. But the real

Field where AI is going to be astonishing is personalised entertainment. In future greatest music composers, content writers and singers will be in human pockets. As Yuvel Noah Haveri mentioned that by taking the whole human neurology into account, AI tools would be the greatest ~~AI~~^{entertainment} providers in future (21 lessons from 21st century).

Being a great friend of humans, AI often comes with certain challenges, that are making experts afraid that AI will make humans useless. As expected, AI will be doer of almost every task, makes the future role of humans uncertain. So humans need unprecedented steps to avert this immense challenge.

The first and foremost thing that is required is deciding the future relation between the artificial intelligence and humans. It can be understood as ethical

code related to AI. There is a need to build up completely new ethical code to deal with upcoming problems arising as a result of artificial intelligence. A comprehensive philosophical debate is required to determine the AI's future role and its powers. For instance, a ^{philosophical discussion is required on} trolley problem where trolley will ^{either} kill four persons on its track, or would decide to change track and kill the single person on other track. The power of decision making in the hands of machines brings old philosophical and ethical debates into question ~~debate~~.

Due to complexities arising from AI, the comprehensive system of regulations is often needed. Governments and legislative bodies should take companies related to artificial intelligence on board, and should work to take measures regarding future potentials and permission requirements.

In this regard aligning everything with the policies become necessary. So that benefits from artificial intelligence can be maximized and threats can be minimized.

Along with regulations on national scale, the provision of education to users is often necessary. In the field of education, it is important to encourage students using AI tools while doing research and similar projects, but it is more crucial to stop children from using such tools in cheating and assignments. Moreover, users must be taught regarding biasness and irregularities in AI tools. Furthermore, consumers should be aware of employment of AI tools in advertisements which can act on personalised scale to influence the thought process. In short, raising awareness regarding AI is as necessary as AI itself is.

To sum up the discussion,

the fate of artificial intelligence and humans is based upon the handling of this sophisticated technology. The challenge of artificial intelligence is not like previous challenges. In this case, humans are left with two options either to become master or slaves. In case of becoming slaves, a robot centric world will emerge, where humans will be mere tools, and a secondary specie, but the hope of greatest transformation is after there. By exponentially increasing the efficiency of every task, AI can help humans to become super humans. The need is to properly regulate the rise of artificial intelligence and to teach humans the skills and wisdom of mastery. So they can efficiently employ AI, like other tools, to achieve their zenith.