

• TOPIC:

ARTIFICIAL INTELLIGENCE CAN BE THE SAVIOR OF HUMAN RACE

OUTLINE

1. Introduction

2. Possible events that threaten the existence of Human Race.

3. Ways through which Artificial Intelligence (AI) can be the saviour of Human Race:

(i) AI can aid in health sector, countering pandemics and untreatable diseases.

- BlueDot AI predicted the origin of Covid-19.

- AI used to form Halicin Drug.

(ii) AI can minimize accidental deaths - from house fires to road accidents.

- Tesla cars introduced AI for safer driving experience.

(iii) AI can help formulating policies, favouring human survival.

- Use of AI i.e. AlphaZero, for equitable distribution of resources.

(iv) AI can mitigate the impact of natural disasters

- Dutch scientists used AI to predict the Earthquake in middle-east in 2023.

(iv) AI can support the survival of humanity even in wars.

- Predictions of spillover of war with global impact.
- Provide aid to refugees i.e. through AI drones.

(v) AI can help sustaining environment, countering climate change.

- Aid in carbon footprint and carbon trade
- Solar powered satellites (SSP) as new renewable source of energy for humans by NASA.

(vi) AI can assist humans never to go scarce on resources.

- OSIRIS-REx program of NASA - collected samples from an asteroid - paved way for space mining.

(vii) AI can prevent humans meeting the same fate as Dinosaurs.

- SpaceX DART mission destroyed 160m asteroid.
- Asteroid 'Benu' may hit earth in 150 years.

4. The skeptics, however, believe that AI can not be the savior of Human Race rather Levithan (Counter-Perspective):

(i) AI will become so advance that it will enslave humans.

(ii) AI is a tool of war crime and propaganda, threatening human survival.

5. Nevertheless, AI is the most advanced invention of Human that will aid in its survival by all means (Rebuttal):
- (i) AI has a hoard of knowledge not consciousness, making humans superior.
 - (ii) AI is like an infant - tabula rasa - neither negative nor positive.
 - AI is a tool of saving lives in Nordic region.
 - (iii) AI, like all other creations of humans, has flaws hence, need humans for its own survival.
 - "AI, most efficiently, can be used to sustain humanity on Earth." - Noah Harari
6. AI must be regulated to ensure human survival irrespective to materialism, ethnicity and nationality.

7. Conclusion.

ESSAY

With the depletion of tigers and leopard species, a team of scientist in India decided to preserve their extinction through monitoring. An AI named 'Tiger Watch' was introduced for forestry department. This Artificial Intelligence used sensors and satellite mapping to

track any known tiger. Whenever a tiger gets close to human societies or hunters, the nearest checkpoint guards receive message, causing endangered species to run back into jungle. Such an approach depicts that AI can be used for the survival of many species including Human Race. Since inception, some 200^{thousands} years ago, humans have always fought for the survival - from stone age to contemporary world. In very short-history, humans have dominated over every other species, but the danger to its survival still prevails. Actually, humans are the weakest animals of Earth. For this purpose, AI can be the saviour of humans in more than one way. It can aid in health-sector, minimize accidental deaths, formulate policies, and mitigate the impact of natural disasters. Along with this, AI can also assist in ways to save lives, environment to counter climate change, resource-fulfillment to address rising population while fighting with space rocks, asteroids, for human survival. The skeptics, on the flip side, believe that AI will enslave humans one day, and it's a tool of destruction only. However, the reality indeed is opposite. AI has a hoard of knowledge that does not qualify it to enslave conscious humans. Also, AI is like a blank slate that can not be declared positive or negative; it depends upon the use of AI to declare it on one side. AI and humans survival go hand-in-hand, both need one another. All humans need is to regulate AI. Evidently, there are multiple threats to human survival

In which Artificial Intelligence (AI) can be the saviour for the descendants of Adam. The skeptics, however, believe otherwise. Nevertheless, the reality is quite opposite because AI is parallel to human survival.

To begin with, it is essential to know what threatens human survival in recent times. The most recent COVID-19 outbreak is one reason as that pandemic was similar to black-death of Europe. Also, Wars are also the reason of human deaths - Mongolian Wars are its manifestation, wiping millions. Environmental catastrophes are another cause of human extinction, for instance, Pakistani floods of 2022 killed 3000 in a month. Above all of these, the extinction might come from sky in the form of asteroid similar to ^{what happened to} Dinosaurs. So, there are multiple ways through which death can hug all human race at once hence, its survival is paramount to consider. This is where, AI walks in as the saviour of humanity, promoting existence of human race.

The very first way through which AI can help humans is by aiding in health-sector. BlueDot AI is its manifestation because it traced back the origin of COVID-19 back to Wuhan, China way before United Nations and World Health Organisation (WHO). This shows the capability of AI to outpace humans in health. One such example is the use of AI to form Halicin Drug. This drug was formed through different arrangements of all the available elements for medication through algorithms. Humans would

take forever what AI does in days. In similar way, AI can be used too in future to counter untreatable diseases and pandemics.

Secondly, AI can minimize accidental deaths too. More than 5000 people die of car accident in America according to BBC. Such deaths can be counter by AI. The self-driving system of Tesla cars is one such example, promoting safer driving experience. Along with it, the use of AI-powered house will increase safety inside of a house too. For example, in case of stove being on, an AI powered house may warn one through alarm or notification. Such houses have been build in California, USA. This is how, AI will minimize accidental deaths as well.

Thirdly, AI can help formulating policies, favouring the survival of humans. There are many socio-economic issues that threaten the existence of humans. One such issue is unequal distribution of food and food wastage. According to United Nations Development program (UNDP), one billion people are poor and go sleep hungry. Also 1 billion tons of food wasted in 2023 alone that could fill the stomach of 870 millions. Such gloomy reality can be taken out by AI. Alphaxero-AI can aid in here for the equitable distribution of resources. Its ability to calculate different combination of possibilities makes it perfect in task such as this. Hence, AI can help to formulate policies as well that benefit human survival.

Fourthly, the use of AI can mitigate the impact of natural disasters. A group of Dutch scientists in 2023 ~~was~~ successfully predicted the earthquake in middle-east just before it occurred, story covered by Al-Jazeera. Such an approach shows that humans are no longer prone to natural calamities. In a country like Pakistan, where flash floods have become common, such a use of AI will not only save infrastructure but also ^{LIVES} ~~lives~~. The purpose of disaster management would also be enhanced. Also, the process of rehabilitation with the aid of AI will help building climate-resilient infrastructure. Green concrete is one such example that is stronger to resist flooding water. That is how, AI can be used to save the lives of the citizenry from natural calamities.

Fifthly, AI can also support the survival of humanity during wars. AI-powered engines can be used in international forums like UN to forecast the implications of war. To put things in perspective, if such a system be used in early 2000s then Iraq war might never happen, followed by so many other wars. Besides, AI can be used to help the humans stuck in war-zones. The transfer of aid through drones can be a way. AI-powered drones by DHL are being used in Tanzania to distribute medications. Such drones can be used in no-go area ~~be~~ in Gaza or Ukraine to assist those who survived. Hence, AI can be used to grant life even ^{when} the death is at next door during wars.

Sixthly, AI can help to sustain the changing environment, countering climate change. Europe has been using AI to trace the carbon footprint in international trade, such an act can limit the emissions because the more the carbon footprint the more it is taxed. Also, United Nations suggested countries to use AI in carbon trading, exchanging carbons and saving environment. In addition to this, AI can be used to explore other ways of renewable resources. Solar-powered panels in outer space (SSP) is one such way. With the use of AI, SSP will continuously transmit the energy it produces to Earth through electromagnetic waves. Such a source can surely counter carbon emission for good. This is how, AI can be used to patch the holes in environment.

Further ~~consequently~~, talking of space and not to mention the use of AI ^{for} ~~to~~ space mining would be unjust. Many space agencies including SpaceX of Elon Musk has been working to extract resources from the outer space. To understand it, outer space is filled with resources from gold asteroids to planets with diamond rain. This is where AI walks-in to help humans utilize the solar system. One such mission was OSIRIS-REx program of NASA that collected samples from a floating asteroid back on Earth in September 2023. This shows that the whole universe is for humans only if they will. Humans will never go scarce of resources all they need to do is use AI efficiently in space-race.

Lastly, AI can prevent humans to meet the same fate as their predecessors, Dinosaurs. About 65 million years ago, scientists believe, that a large asteroid with kilometers of diameter hit Yucatan Peninsula in Mexico. That strike ^{had} shaken the Earth, causing doomsday destruction hence, wiping out the whole species. Human intelligence - AI - can save them from such an event. SpaceX - DART mission is one such manifestation where a 160meter asteroid was destroyed in space successfully. It happened because of the use of AI in it. Now, ~~the~~ NASA suggests that we need to strengthen ourselves as Asteroid Bennu will hit in 150 years. In the words of Neil deGrasse Tyson, an Astrophysicist, "If dinosaurs had the space program, they would not be extinguished." Therefore, AI can diminish the chances of human extermination through space stones, if utilized in outer-space domain.

The foregoing paragraphs have discussed the role of AI in saving human existence. The coming paragraphs will discuss the stance of its skeptics, believing the flip side.

The skeptics believe that AI is advancing exponentially and it will advance so much that it will replace humans in all walks of life. The unprecedented growth of AI in digital world is a matter of concern. AI has captured many digital jobs such as of graphic designing, coding, websites creation, and video editing. Softwares like Dal-E and Midjourney are its examples. People are

getting long due to the heavy reliance on AI for everything. It is just a matter of time that AI will make humans mentally enslaved. Humans minds will then be controlled by AI and so does their actions. Such claim are also visible in law & morals & society. Therefore, the humanity might exist physically but mentally AI will end humanity.

Over and above, AI is a tool of war crime and propaganda. Its manipulation can be seen in last USA's election with fabricated videos of candidates. In recent time, A deep-fake video of Mukesh Ambani's son rolled over the social media, promoting an unknown brand of mineral water. Upon investigation, the police and media spread awareness but unable to catch culprits. Also according to 1972 magazine, Israel is using AI bots to extract information about the Hamas fighters from Amazon and Google. In return of this, human lives have been lost. For these war crimes AI is considered as tool of violence that threatens human survival.

The above paragraphs were skeptical to AI with respect to supporting human survival. Now, its counter or rebuttal is in the following paragraphs.

It must not be ~~forget~~^{forgotten} that AI is a hoard of knowledge not wisdom nor consciousness. It is generally viewed as having more knowledge & considered all-knowing. Although it must be addressed that where this

knowledge comes from. It is the humans' knowledge that AI interpret to do own analysis. AI is not a conscious entity hence, it can not be considered independent of humans.

Now, if something is dependent over someone then how can the former overpowers the latter. The relationship between humans and AI is of master-slave according to many theorists.

Elon Musk said on it: "AI is an invention of humans to aid them in their work." So, the ability of humans to question, reason, wisdom and have consciousness makes them superior in contrast with AI.

Besides, AI is like an infant ^{that} ~~who~~ does not know anything about right or wrong. Without morals, emotions and own thoughts, it is, what John Locke called a child, a *tabula rasa*. It means a blank slate. So, whatever one writes on it, remains. AI is not born to be good or bad hence, it can not be declared as a tool of violence. To put things in perspective, the same AI is used in Nordic region to save lives. In Norway, smart watches, CCTVs, and emergency helpline through AI monitors person's movement and send ambulance as soon as possible, E-ambulances. This clearly portrays that AI is a tool with blank objectives. Its objectives are typed by the people behind it, who can also use it to save lives.

Along with it, AI is just like all other inventions of humans, meaning it has flaws too. Due to this, AI also depend upon human for its survival just like a

car, bulbs, internet, paper or textiles. Humans and AI go parallel, both sustain each other. AI, therefore, is used to make the processes, methods and work of human less burdened. As Noah Harari said: "AI, most efficiently, can be used to sustain humanity on Earth." AI needs humans for power, knowledge, functions, usage or utilisation, and maintenance. Without humans, AI can not survive but humans will. Hence, this makes human the most superior creature that can use its inventions including AI to ensure its own survival.

For the sake of survival, AI must be regulated. The exponential usage of AI in everything might not threaten human survival, but it will make them indolent. AI must be in limits, for now, in terms of defence and administration; because these are sensitive areas to be entrusted with AI. The lives of people must be in the hands of people, for now, and not complete reliance on machines. AI should not be a decision-maker, but aid in decisions. Unless and until, humans understand the algorithms working of AI, it must be controlled. Modern day Philosophers like Harari himself is the ardent supporter of such stance. Humans must control all the domains of AI before letting them do as 'it' wills. After all, AI will do what you asked, not necessarily the way you meant. Hence, the regulation of AI is not an option but obligation.

In a nutshell, it is evident that there are multiple threats to human survival in which AI can be the saviour for the descendants of Adam. The skeptics, however, believe otherwise. Nevertheless, the reality is quite opposite because AI is parallel to human survival. After all, AI itself is the creation of humans, how can a creation go against its creator. Also, humans' consciousness makes them superior among all creations. Despite this, the critics consider AI as Leviathan whereas in reality it is more of a blessing in disguise. Its manifestation is palpable among many contributions of AI from defeating diseases to exploding asteroids in outer space. Still, the existential events will occur for human, but as long as AI is abreast of humans, the manifestation of Adam will cease to extinguish; similar to the lions in India.