ARTIFICIAL INTELLIGENCE CAN BE THE SAVIOR OF HUMAN RACE

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ESSAY:

"The potential benefits of AI are huge. So are the dangers." Dave waters.

Dave waters has aptly remarked that AI has both tremendous benefits and disadvantages for humans. It is upon humans that how they use it. The development of AI is one of the most important achievement in the known history of man upto an extent that it is reckoned at par with the discovery of fire, electricity and internet. AI can prove as a savior of human race in the modern complex challenges. AI can prove instrumental in handling of climate change and global pandemics. It can provide a security to humans by curbing various threats. AI can also go a long way in providing free, fair and expedient justice to the people. AI has a great benefit for the economy and the future belongs

to AI. However, many experts, academics and intelligentsia stand polls apart on the stance that AI is the potential savior of human race. They think that AI-based autonomous weapons are more dangerous than nuclear warheads. The AI like their creators will be biased in their nature and AI will replace humans in industries and organizations which will leads to unemployment. They also argue that there are concerns about the responsible and ethical use of AI and the abysmal global cyber security will make individuals more vulnerable. Nevertheless, a deep observation and analysis shows that the benefits of AI out-weighs its threats to human race. Like global consensus on nukes, a bar can be put on the development of AI-based autonomous weapons and a regulatory framework is possible in the modern global democratic era. It will be also of a

great use in the efficient decision-making. AI will also promote cyber security as digital space require digital solutions. moreso, AI will create new opportunities instead of replacing human in various sectors. AI is the potential savior of human race in the contemporary complex world. However, despite its benefits and utility top humans, it is viewed with suspicion as a threat to human. Yet a detailed analysis shows that the benefits of AI outweigh its threats to human race.

Artificial Intelligence (AI) is a major development in the known history of man. It has the potential to revolutionalised human lives in every aspect. Its significance can be gauged from the fact that some experts reckoned this development at par with the discoveries of fire, electricity and internet. According to the chief Executive officer (CEO) of

of Google, Sundar Pichi; "AI will be have more profound impacts on the humanity than fire, electricity and internet". AI is, thus, one of the great achievement of man which will have a profound impacts on his life.

AI is a potential savior of human race as it could play a pivotal role in tackling the challenge of climate change. Climate change is a challenge to humanity which if not controlled in time could perish the planet Earth. AI intelligence can amplify human efforts in tackling this challenge. For instance, countries like the US, Japan and Canada are using AI to observe atmospheric behavior, changes in vegetative covers, possibilities of cyclones and floods. Automated early warning system and evacuation through unmaned vehicles in Japan are the fruits of AI. AI is, hence, an emplifying

factor towards human efforts to tackle the challenge of climate change.

AI is also of a paramount importance in the handling of global pandemics. In this regards AI is a great blessing for the health sector. In today's globalised world lethal contiginous diseases spread across the borders and regions. AI can prove instrumental in effeciently facing such ontoward situation. The case in point is the COVID-19, where the countries like china used faced recognition technologies and radition observing technologies to observe people and their movement. Without the use of modern technologies, covid would have wreak havoc like Ebula, Yellow fever and Influezena. AI is thus, a great blessing for health sector as it could play a paramount role in the control of global pandemics.

Furthermore, AI can also play

a great role in providing security to human. With much more sophisticated tools it is easy to control terrorist activities. Technology operating on the basis of AI will help not only on the domestic front but also in observing border activities. According to the US Department of Defence, AI has the potential to revolutionalise the security system across the world, not only on domestic front but also in border security and beyond. AI, thus, has a great potential to provide security to humans.

AI can also be used in the free, fair and expedient dispensation of justice. In the contemporary world, judiciary system across the world has over-burdened by million of pending cases. AI, however, can help the judiciary to quickly dispen-justice. The case in point is the recent AI used in a court in MandiBahuddin

by Justice muhammad munir, in a juvenille case. AI not only help in finding the concerned legal codes, precedent but also of international rules and regulation. AI can, thus, be of a great use in the dispensation of justice in the future.

Most importantly, AI can help man to effeciently use the resources it has disposal. The role of AI is inevitable in the realm of economy. AI can help in various research studies, observing the pulse of the consumers and guiding them in the effecient selections. According to Forbes, AI is forcasted to add US Dollar 1.5 trillion to the global GDP by 2030. AI will help humans to get out of poverty, malnutrition and unemployment. AI is, thus, the future of the global economy. The effecient resources management and economic development is, therefore,

contingent upon AI in the upcoming years.

However, there still exist slew of people who believe that AI is a poten-tial threat to human race such as AI based Lethal Autonomous weapons development. Today, the major powers in a constant unstoppable race of developing these weapons. Lethal Autonomous weapons (LAW) once trained and feed with data do not need human guidance. These are more fatal than the traditional weapons. According to Elon musk; " These weapons are more dangerous Than the nuclear warheads". The ,critics, therefore, argue that humans are preparing the tools of their own destruction.

Furthermore, they argued that AI will further widened the social fissures. AI are feed with data and trained by their creators who are consciously

and unconsciously biased in their nature. Their biasness might be on the basis of colour, gender, caste, race etc. This may lead to the potential discrimination of AI-based technology in their operations. According to the US Department of commerce study, 2023;

"the facial recognititicn of AI often misidentifies people of the color, and if the law enforcement use predictive policing algorithms to anticipate where crimes will occur, it will lead to high rate of policing in the areas inhibited by people of the color." AI could thus, lead to more discrimination and biasness in the society.

AI is also considered as a threat to humans in replacing humans in industries and organizations. This replacement could lead to high rate of unemployment across the world. Unemployment, subsequently will give birth to myriad of problems and

issues. " AI could replace or eliminate upto 40 percent of the jobs worldwide in the next 25 year" Amy Zegret, "Open Secret", 2022. AI-based technology is, therefore, a potential threat to unemployment globally.

Moreso, there is also a question mark on the effecient and responsible use of AI. Currently, at all levels of governance there is no regulatory framework to regulate and specify the sphere of operation of AI and the required restrictions on them. Although some developments have taken place recently, but the nature of AI is shaving that it is continiously changing after every six months. This rise concerns about the ethical and responsible use of AI. According to the recent repout of the Atlantic, 2023, Open AI has coppied 1,83,000 books without the prior permission of the writers. The absence of regulatory framework has

made the individuals vulnerable. The question of the irresponsible use of AI in various domins is not out of place.

Most importantly, the individuals and institutions are at a tenterhook with the recent development of AI due to abysmal global cyber security. With each new development in the digital world the evil-doers also take a leep-forward to mature their evil designs. Today, goverments across the world are inching towards e-governance. On the fragile security regime, government websites and individual data are prone to cyber attacks. The recent cyber attacks on the National Bank of Pakistan by the hackers along with the case study of cyber attack on Fedral Board of Revenue (FBR) is the clear manifestation of this fact." AI would, thus, threaten government institutions and individual.

However, a detailed observation

and analysis shows that the claims of naysayers hold less water as the polarized benefits of AI are far more than its threats to human race. The recent legal developments in various countries and regions show that AI can be regulate for the greater benefit of humanity. States have deployed dedicated teams and organization to observe the recent trends in the realm of AI. They devised various strategies and legal frameworks in order to ensure the responsible use of AI-based technology. The European Commission, Pakistan, China, India, the USA and Russia have recently announced their AI policies. Designing of robust and dynamic policies will, thus, channelize the uses of AI for humanity's welfare.

On the same way, a global consensus to ban the arm race of AI is not a cry in the wilderness of the global community. can take

measures on the non-proliferation and development of new nuclear arms, it can also take such measurements with regards to Lethal Autonomous weapon. The only requirement for this is the genuine desire and strong conviction of the member states. In 2016, 300 experts of technology and owner of major companies wrote in an Open letter: "The key-question for humanity today is whether to start a global AI arms race or to prevent it from happening. Building of global consensus on banning of LAW is possible like that of nuclear warheads.

moreso, AI can create more opportunities for man than it will eliminate. Fear about human replacement by technology is not the recent ones. Innovations are always feared due to human paranoia. According to Nick Bostrom, in the wake of industrial revolution, it was

feared that machines will replace humans, however, it opened more new avenues for humans than it closed in the subsequent times. The fear of human replacement, thus, does not hold much ground.

AI will also help humans in making efficient and effective decision-makings. Machines, unlike humans are not swayed by emotions or haste in decision making. This will help in the efficient and equal services delivery, dispensation of free and expedient justice and bridging the social fissures. AI will also reduce the gaps between the developed and developed countries as the develping countries could take a new start without regretting for the past. It is the time for them to deide either to stand out or lose heart. AI will thus, help in making informed choices by humans.

Last but not the least, AI could play a pivotal role in cyber security. The changing and advanced threats of the evil-doers require advance identification, protection and dettering techniques and mechanism. Unlike the conventional technology, AI will be of a great help to identify bugs, hackers and other frauds on digital platforms. According to Bill gates; "digital problems require digital soulticn". AI can go a long way in this regards by erecting a robust cyber security regime on various pronts.

In the nutshell, the whole discussion converges to the point, that AI is a potential savior of human race. However, its use is much contingent upon the desires and intents of human as it is a double-edge sword. This new development is a major achievement in the known history of flash-and-bones. AI can

prove a panacea to the modern compu
challenges such as climate change, global
pandemics and exacerbating security
situation. It could also provide social
justice to the people and through
the use of AI humans could make
steep strides in economy. However,
the critics argue that, AI is a potential
threat to human race. The development
of autonomous AI-based weapons,
the biased nature of AI towards a group
or section of society and AI replacement
of humans are the potential threats
to humanity. The absecence of legal
regulatory frameworks at various level
and the abysmal global cyber security
made vulnerable. However, these claims
have no sound foundation when
one observe and analyse the reality.
Global consensus is possible to ban
LAW like nuclear weapons, legal
frameworks have been made erected
recently. AI will create more opportunities

but opening new avenues for humans and AI will help in informed decision-making and making cyber security more effecient. It is the begining of AI and people fear it and deduct wrong conclusions as Eliezer Yudkosky said: "By far, the greatest danger of AI is that people conclude too early that they understood it"!