

Artificial Intelligence: its promise and perils

Outline:

1) Introduction

Thesis statement: A.I offers immense and potential for progress, its responsible usage is crucial to mitigate the negative consequences. The rapid advancement of A.I fueled by curiosity and competition, necessitates a cautious approach to ensure ethical and safe deployment.

2) What is meant by Artificial Intelligence

3) What are promises of A.I

- (a) A.I helps to enhance the good education
- (b) A.I is widely used in hospitals
- (c) A.I helps to detect criminals in justice system
- d) Modern technologies reduce the threat of disasters.
- e) A.I makes human life comfortable

4) What are perils of A.I

- a) A.I increases the threat of job insecurity
- b) Generative A.I breaches the privacy of human beings.
- c) A.I changes the geopolitical order.
- d) A.I is big threat to human existence
- e) A.I tools and applications increase the cyber attacks.
- f) A.I weapons are more dangerous than Nuclear

weapons.

5) How can benefits of A.I. be maximized than perils.

(a) state should focus on human sapiens rather than technosapiens.

b) International Organizations should keep checks and balances over new inventions

c) Media should play its positive role in spreading awareness.

6) Conclusion

In 2018, the world's first ever Artificial Intelligence versus physicians competition was held in China. In halftime, Artificial Intelligence defeated Physician by 201 with high accuracy rate. Such an outstanding performance has made Artificial Intelligence important in every aspect of life. Artificial Intelligence makes it possible for machines to learn from experiences, adjust to new inputs, perform human like tasks and give fast and accurate result. For example AlphaZero, launched by Google AI, learned chess by itself in just 4 hours and beat a chess expert. Moreover, the new Chat GPT is an other app which is widely used in all over world. A.I can do anything and is able to provide many advantages to human beings. It can work with less errors and great precision. Along with promises A.I has also perils, such as, threat to job security, breach of privacy and it will change geopolitical order. Moreo human beings are overly dependent on machines rather than themselves.

A.I, currently, is hot topic and people are afraid of its spreading. However, there are some questions: what are promises of A.I? what are

serious and unbearable threats of A.I?
Can threats of A.I be minimized?
Therefore, A.I offers immense and
potential for progress, its responsible usage
is crucial to mitigate negative consequences.
The rapid advancement of A.I fueled
by curiosity and competition, necessitates
a cautious approach to ensure ethical
and safe deployment.

It is pertinent to discuss the
term Artificial Intelligence. A.I is the
simulation of human intelligence process
by machines, especially computer system.
Artificial Intelligence speed up, improves
precision and increase the efficiency
of human endeavours. A.I a term
coined by, emeritus Stanford Professor
John McCarthy in 1955 the science
engineering of making intelligence machines.
A.I helps to predict fraudulent transactions
implement rapid and accurate credit
scoring, institutions can use artificial
intelligence approaches. Therefore A.I is
spreading and widely used all
everywhere.

There are some promises to of
A.I, the chief among them is
it enhances the education system.

and provide accurate and systematic education. Education is necessary for the survival because education cannot change the world, education changes the people and people change the world. Historical literacy rate has remained very low in developing countries, A.I provides opportunities to get authentic and valuable education. There are various of A.I which are used in different schools and colleges.

For example St Paul's School has introduced A.I subject at primary and secondary level and as per survey more than 60% students use ChatGPT for their home-works and assignments. Therefore, it is blessing for human beings.

Secondly, Dating back to days in early centuries when people were died without knowing their diseases, because knowledge was limited, but now due to A.I tools diseases are not only being detected but also being cured. A.I is widely used in hospitals, pharmacies and medical manufacturing laboratories. For example, cancer, and T.b were dangerous diseases, and there was no treatment for these diseases. Presently, due to A.I helps AI tools to detect disease at early stage of diseases. **As per British Scientist**

Albert Nophael A.I robots mix chemical

by themselves accurately and find antidotes for different diseases. He further says A.I robots work very fast and save their time and energy. Thus, A.I provides promising benefits to human beings.

Thirdly, A.I becomes permanent part of criminal justice system and helps to normalize the crime rates.

Throughout history, various tricks and tactics have been adopted to find criminals, such as tracking systems, CCTV cameras, and interrogating machines. Presently, A.I makes it very easy for police, detectives and other department to catch bad offenders.

For example **Elon Musk company** has invented the **Neuro link chip**, this chip helps to understand the communication of neurons. Moreover, this experience is start of various tools which will be used in criminal justices. Similarly, A.I tools also help ordinary people to know about crimes and its punishment. The most recent, The National Judicial Policy Making Committee reveals the article in which committee suggested that A.I should be given more space in judicial making process that

reduces the burden of cases. Thus A.I is spreading like a wildfire in all over world.

Unfourtly, modern and beneficial technologies reduces the threat of disasters and climate change. Moreover, there are are alot of technologies which are being used in mitigation of climate crisis such as china's Carbon sucking model but these technologies have limited scope.

Moreover, A.I widen its scope by inventing many climate monitoring robots.

It can be seen through, Belgium, very recently, has introduced **Traffic monitoring robots** ^{which} ~~and~~ replaced traffic and signal policemen.

Director of Traffic Police **According to** **Director of Traffic Police**

A.I robots measures not only Traffic level and noise but also measures air pollution and suggest measures to avoid traffic noise. Similarly, Companies

introd invented CSIRO robots which are able to assist people in mines and finds different resources which hidden. These robots also measures

the threat and intensity of earthquake. Hence, A.I has more promising advants;

Besides, A.I makes human life comfortable and easy. from kitchen gadgets to industrial tools. It is nature.

human beings like new and innovative things. There are many 3D movies shows which attract people because their imaginative life become real.

For example: Avatar movies and animations which takes people in different and imaginative world where people enjoy and feel. Similarly another example is self driving cars, which also known as automated cars, driverless; car is capable of travelling without human beings. Furthermore Saudi-Arabia is also investing in A.I. based city Neom under 2030 vision. **As multifaceted artist**

Alan Kay say. "The best way to predict future is to invent it." However, 70% investment has been increased since last year on A.I. A.I becomes as necessary a oxygen for human survival.

After discussing the promises of A.I, now it is necessary to discuss some perils of A.I

The first comes first is A.I increases job insecurities and opportunities for ordinary and unskilled people. Most of the world population is less educated and unskilled, who work in different companies at different ranks. A.I

~~has~~ increased the demand of skilled labour in companies. According to research of PEW in 2020, more than 20 million people were fired by their company owners. Moreover, as per another report in 2022, more than 800000 people lost their jobs. A.I is posing big challenge for ordinary taxi drivers which are being replaced by the Uber, Careem and other apps. A.I becomes curse for the people because it adds fuel in existing unemployment rate. It can be analyzed through in 2021 World Economic Forum has introduced the training centers in different states with aim to train one billion people in all overworld, than what about other 8 billion people? However, A.I is a inevitable threat of 21st century.

Furthermore, A.I poses moral and ethical threats. It breaches human beings privacy because now human beings are being hacked rather than computers. In 2020, the capital one breach and exposed personal data of over 100 million customers, showing the vulnerability of sensitive information to hacking. A.I tools are being wrongly used because human nature is selfish and brutal they just focus on their

gains at stake of others. Most recent; Generative AI has been introduced by companies, it ^{presents} makes images, and characters as a reality. For example, African man made TikTok account and uploaded generative videos which present him as a real Tom Cruise, and people follow him. Therefore, how it will be dangerous in coming years when it will become difficult to differentiate between real and fake characters and images. There are more perils than promises.

Along with it, A.I is changing the geopolitical order because world has been ~~not~~ witnessed of different changing geopolitical orders and revolutions, such as agricultural, industrial and technological revolution. Those who possess more technologies become hegemon. Currently, China is investing more money in investing A.I tools. Historically, states ~~have~~ ^{were} fought ^{fighting} one another, but in coming years they will be fighting over A.I tools. Along with China, there are many other countries are investing such as, USA, India, Israel and South Korea. A.I changes the mode of race

from nuclear race to A.I race. Now equation has changed, those who poses more A.I tools will become hegemon in the world. Therefore technological warfare is dangerous for the existence of world.

Moreover, A.I increases threat for human existence, because states are investing more ~~than~~ GDP ratio over manufacturing robots rather than investing in human being and their well being. As, people are dying from hunger and food insecurity. **According to the Food and Agricultural Organization**, more than 3 billion do not have access to drinking water and more than 2 billion people are suffering from food insecurity. Unfortunately states are investing billion of dollars in making robots, such as Sophia, Ameca and so on. **According to Yuval Noah Harari** in coming ten years homosapiens will be replaced with techno sapians. It is very horrible and drastic that humanity will no longer be seen in the world, ^{human beings} people will be replaced by emotionless human made creature. Therefore A.I is big threat for human beings and for humanity.

Besides, there are many

applications and voice recorder apps which are being used for the manipulation of data. Currently A.I increases the chances of cyber threats for human beings, and it makes difficult to reach at real offenders. **for example on 23 January 2023, the American senator Jennifer** **W** **D** **S** **t** **a** **n** **o**, who has two daughters, one that day she received unknown call, someone trapped and ^{blackmailed} her with her daughter's voice and blackmailed demanded 20 million dollars for releasing her daughter. However, while police and department is working to find out that man but they failed. Therefore, A.I is the uncontrollable threat which makes human life

last but not the least, A.I weapons and tools are more dangerous than Nuclear weapons. It is because, Nuclear weapons needs human commands and instructions but Automated and A.I tools are generative, they work according to their capabilities and programs. **According to Elon Musk,** new and advanced technologies will command human beings rather than human beings will do. Moreover, machines becomes our master rather than servants.

As American writer Clive James says "It is only when they go wrong that machines remind you how powerful they are" Hence A.I. becomes curse rather than blessing for the survival of human beings.

There are some effective and fruitful measure which must be ensured to avoid future threats of A.I. The most important among them is states should focus on human beings rather than robots because robots are secondary and man made invention but human beings are prime and beyond anything. Moreover, people are dying from hunger, states should invest on human development and their well being. For example, Pakistan's GDP ratio on human development is 14% which is next to nothing, and other developing nation are also suffering from this menace. However, developed nation should help and give assistance to developing nation to get rid of climate change curse, rather than wasting billions of dollar on useless investments.

Secondly, International Organization should keep checks and balances over new inventions. There should be stringent

strict laws for inventing detrimental inventions. International organizations, such as UNO, OIC, E.U and SAO, these organizations should impose ban on manufacturing more A.I tools. It can be seen through E.U and U.N called sessions on spread A.I which is a big threat for humanity. However, Nuclear weapons and A.I weapons ~~are~~ have abnoxious threat ~~for~~ to peace, one mistake can destroy the world. Hence, manufacturing A.I should be banned.

Lastly, media should play its role because it is fourth pillar of state. Media which is known as "half truth and half lie", it spreads fake news in all over world. However, media needs to spread awareness among ^{people} about the growing threat of A.I. It is because, Artificial intellegen will replace the human sapience in coming years, people should show their serious concern and make accountable their leaders about their right to life and liberty and other fundamental rights. **R. Buckminster Fuller** says in his speech ~~the~~ Humanity is acquiring all the right technology for all the wrong reasons. Therefore, A.I will add fuel in existing gap between

rich and poor, so for that reason it should be curtailed

Conclusively, A.I is changing the mindset of people because it is hot topic now a days. A.I is growing and spreading in all over world. A.I is poses ~~me~~ some benefit which make human life if easy and more comfortable, such as, electronic gadgets, self driving cars and robots. Along with benefit there more threats ~~for~~ ^{to} human survival, because A.I tools decreases jobs, breaches privacy, cyber attacks and homo sapiens are being replaced by techno sapiens ~~therefore~~ there is dire need to adopt some measures: banning on manufacturing of detrimental tools, ~~or~~ ~~by~~ ensuring the concept humanity and ~~state~~ investing on human beings rather than robots and so on. therefore, it is time to mitigate this menace.

Human lives begins to end a day
when they become silent on
things that matter
(King Martin Luther)