JANBAZ KHAN.
OB: 59

Artificial Intelligence is not all evil — It can promote social Good, Too.

Outline:

1) Introduction:

Thesis statement: Artificial intelligence can promote social good by many ways, But it does passes some threads To mankind. Therefore, there is need of global consensus To overcome the threats To ensure the social good for all mankind.

Number your main headings

Overview Paragraph

2) How Artificial Intelligence can promote social good:

a) Integration of AI in agriculture can overcome global Food insecurity

b) AI can overcome labour shortages

c) Help to provide education to majority of population.

d) It can help revolutionize

taxation system.

d) AI in medical field can help overcome diseases.

e) AI can also provide help to mitigate disasters.

f) Help law enforcement agencies to achieve law and order.

e) Integration in economy can ensure higher economic growth rate.

3. What are various threats of AI?
a) Usage of AI in warfare
b) Loss of Jobs to AI machines.
c) Privacy loss due over usage by Data gaints.
d) Competition between global Superpower to achieve higher AI capabilities
e) Threat to democracy due in use of AI in election campaign and propaganda

4. How these threats can be overcome.

a) Global consensus on positive use of AI.
b) UN oversight over military usage of AI.
c) Adoptation of AI new skills by youngster to overcome Joblessness.

4. Conclusion:

The Essay,

21st century is marked by innovative technologyies, which changed the world forever. Among these innovation is the rise of Artificial intelligence. The ability of machines to use their mechanical intelligence to analyze, interpret, and present huge amount of data. The artificial intelligence can be utilized to ensure social good. It can be used in agriculture to overcome food insecurity. It can also help us overcome the shortage of labour force. Moreover, AI can help us in various fields, medical field, education and disaster management

In addition, it can also revolutionize taxation system by analyzing huge financial data. Also, adoptation of artificial intellegence by Law enforcement agencies can ensure law and order situation. But with all these goods it also posses some threats to mankind. Like, its use by military in warfare can cause huge losses. Also, the rise of artificial intelligence can led to job losses due to overusage of robots. Moreover, it will also lead to privacy breaches due to greater oversight by government and data giants. It can also be use by political leaders to manipulate the election result. therefore, there is need of global consensus and united nation to ensure the positive usage and an oversight over military usage of AI. The governments should also adopt the education systems to ensure that people doesn't lose their jobs to rising artificial intelligence.

Why only mention job loss

The integration of artificial intelligence can overcome food insecurity. It enables farmer to make precise decisions. It increases farm output by timely guidence to farmer about use of fertilizers, pesticides, and water. This not only help farmers to reduce their cost of production but also increase the farm output. Hence, the adoption of artificial intelligence can overcome global food insecurity by increasing food production.

Artificial intelligence can also overcome labour shortages. The western countries are facing population crisis means the population growth rates are below replacement rate. So, adoption of artificial intelligence will help them coup with the declining labour market

Besides this it can also help developing countries to overcome illeracy. AI enabled

teaching platforms can provide education to majority of population. These platforms are not only cost effective but also very efficient. Therefore, it will help countries like Pakistan where according UNICEF around 22.6 million children are out of school.

Artificial intelligence can also revolutionize taxation system. The taxation system consists of heavy financial data. Analyzing it is a tideous job, which led to various loophole in the system causing tax evasion of billions. The integration of AI in taxation system will make the system efficient and equitable by analyzing data in less time. Moreover, it through its complex algorithm it can detect tax evasion. Hence, Use of AI in taxation system can revolutionize the taxation system.

The most important domain where AI can ensure social

good is the medical field. AI can help detect various life threatning disease by analyzing medical data. In addition, AI help in production of new vaccines, which will make the life threatning diseases preventable. In 2023, AI enable health

software passed an American medical test and astonished the whole world. So, the AI will ensure social good through threating disease by production of new vaccines and anti-biotic.

AI can also help us in mitigation of disasters. It can ensure the safe and sustainable use of natural resources. Moreover, its integration in meteorological department can ensure efficient weather prediction. Also, AI along with Geo-informatic Science and remote sensing can provide data about vulnerable population in post-disaster scenario. This will help to provide aid to these vulnerable population. Hence the artificial intelligence can

help us to mitigate natural disasters.

Another field where AI can ensure social good is by helping law enforcement agencies to control crime rate. AI enable city safety system ensure the efficient detection of criminals. Moreover, the adoptation of AI in forensic science can Example? help to collect and analyze complex evidence. which will led to conviction of criminals. Hence, the adoption of AI can help law enforcement agencies to ensure public safety and achieve law and order.

The integration of AI in economy can help achieve higher growth rate. AI make the industrail processes very efficient causing higher output which result in higher growth rates. Moreover, the AI led growth is powered by new complex chips. these chips production is causing higher growth rate in countries of production. For example, Taiwan,

who produce 90% of complex chips, have annual growth rate of 6.5%. This growth is mainly because of production of AI *This is economic benefit Not social Good.* Therefore, AI is enabling higher economic growth in various countries ensuring social good for all its citizens.

Now, we will disscus some of the threats of AI To mankind.

Firstly, the usage of AI in warfare can led To huge *Reasoning and analysis??* losses in battle field. The us airforce in 2022 tested and AI powered F-16 fighter jet. During air drills it beat the man powered jet by 5-1. Moreover, Russia in Ukraine war is various drones powered by AI. Therefore, the *Vague + sentence structure* military usage of AI is a threat to mankind, as it can lead To huge amount of destruction.

Secondly, the loss of jobs to the rising AI enabled machines is a major threat to

the social good. Around the world, the develop economies are shifting toward excenive use of AI enable robots and machine. Moreover, some services have become automated like customer services and call centre resulting in loss of jobs for millions of workers, According to world economic forum report 73 million people will loss their job to AI till 2027. Hence, the loss of jobs due to rising AI is a threat to mankind.

Thirdly, AI can led to privacy loss. The data gainst like Apple, Microsoft and facebook all are in maid race to achieve higher efficient AI system. This will enabled them to have huge amounts of data. Yuval Noah Harrani in his book "21 lessons for 21st century" stated that the rise of AI will concentrate data in hand of technological giants. So, This will be a threat to mankind as this data can be use to manipulate the behaviour of masses.

Fourtly, with the rise of AI. The global competition between super powers also started. This competition is causing a cold war like crisis between both the power. To control the chip market, US has enforced various sanctions and ban on chinese companies. The china counter by ban on export of critical metals to US. More over, this crisic is causing a war like situation in Taiwan. To control the chip markets. Hence, the global competition between superpower is fueled by control of AI chips and its resources. This can cause a direct confrontation resulting in death of millions.

Lastly, the use of AI by political leaders in election compaign and propaganda is a threat to democracy. The complex algorithms of AI can sense the political nature of a person. Based on these data, various government can use it to exploit and manipulate masses.

Moreover, propaganda through deep fakes has become a new norm. After 9th May, 2022, incident the Pakistan Tehreek Insaf, political party in Pakistan, turned to AI to use the platform to launch their political narrative. Allegedly involve in propaganda against state institution. Hence, the active use of AI by political leader to manipulate the political behaviour of the masses is is a threat to democracy.

In next paragraphs we will discuss, How the threats can be overcome to ensure social good through AI.

First of all, there is need of global consensus on the use of AI. The United Nations can play a vital role in building consensus among the nations. They must to promulgate an international treaty which bind the state to use AI in positive to cater the social good. The treaty

must abide the member states to avoid confrontation on establishing AI hegemony. Moreover, it must bind the states to have national policy according to the treaty to avoid the misuse of AI. Hence, the concensus at united Nation can help overcome some of the negative impacts of AI.

Secondly, the United Nations has to develop an institution to over look the military usage of AI. As the destruction by integration of AI in warfare is very high, the United Nation must explore various way to stop the states from military usage This will require an institution like International Atomic Energy Agency, who look into nuclear energy, This will enable UN to avoid the loss of human life in case of warfare.

Lastly, to avoid the loss of jobs by people. The government must initiate a new education policy. which caters the needs

of changing labour market. This policy must include the subject like Artificial intelligence, Cybersecurity and data sciences. Moreover, the government must develop various skill in students to cope with deep fakes, disinformation and mis-information. Therefore, by changing the existing system will enable the coming generations to fight against the negative impacts of artificial intelligence.

In conclusion, the above discussion has shown that Artificial intelligence can be used to promote social goods in many ways. It can help to overcome food insecurity, labour shortage, mitigate disastous and increase literacy rate. But it dispossess some threats like joblessness, warfare use, and privacy breaches. Therefore, Global efforts to overcome the negative impacts of AI is necessary. Moreover, the national government must take various reforms in education sector to overcome negative usage of AI.

	Category	Total marks	Obtained marks
Content	Qualitative analysis	10	2
	Quantitative analysis	10	2
	Validity & Reliability	10	2
	Relevance	10	3
Language	Sentence structure	5	1
	Vocabulary	5	2
	Clarity	5	2
	Command of language	5	1
	Expression	5	1
Structure	Outline	5	2
	Introduction	5	1
	Body paragraphs	5	2
	Conclusion	5	1
Coherence	Cohesion	5	2
	Coherence	10	3
	Total		27