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Mankind faces the challenges of using Artificial intelligence responsibly.

Outlines

1 - introduction

Despite many blessings of artificial intelligence, mankind faces several challenges of artificial intelligences such as, political, economical, educational, ethical and security issues. However, some strategies can overcome these challenges

2 - understanding the concept of artificial intelligence

3 - Mankind faces challenges to use artificial intelligence responsibly

a) Political challenges of artificial intelligence

- i - Manipulation of election result and voting system
- ii - Spreading misinformation and disinformation of political voices

b) Economic challenges of artificial intelligence

- i - Trade def and economic disparities between developed and developing nation
- ii - Fraud and embezzlements by different artificial bots

c) Social challenges of Artificial intelligence

- i - Threatening to human jobs
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d) Educational challenges of artificial intelligence

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e) Security challenges of artificial intelligence

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f) Ethical challenges of artificial intelligence

- i - Creating biased religious content
- ii - Making unethical paintings of sacred people.

4- Strategies to use artificial intelligence responsibly

- a) international co-operation and agreements to address artificial intelligence security issues
- b) prioritizing digital literacy and education to individual
- c) investing in workforces to learn artificial-intelligence related programmes to get jobs
- d) implementing ethical guidelines and regulations

Essay

"The development of artificial intelligence (AI) is the biggest event in the history of our civilization, but it could be the Last" (Stephen Hawking). These words express the importance as well as the danger of AI. AI is the latest innovation of 21st-century. It has revolutionized the world through its modern applications and programmes. AI is dependent on mankind, but it has the ability to rule over mankind. It has blessings as well as evils for mankind. Today, the mankind faces several challenges of AI to use it responsibly such as, political, social, economical, educational and many more. AI bots can manipulate the election and voting system, and it spread misinformation about political system. Similarly, it affects the economic system of the world in such a way that it is creating disparities between developed and developing nations. Besides, man has become overly dependent on it, now AI threatens human jobs and personal privacy. Moreover, it will affect the education system of society. It creates less intellectual students and personalities. Students can easily cheat in exams and assignments. Furthermore, AI is threatening to global security by making lethal ballistic missiles and crossing cyber security. Last but not least, AI creates biased content and makes unethical paintings of religious sacred people. However, some effective strategies can help to mankind for use it responsibly.

First, There should be an international co-operation between nations that they will use it ~~for~~ only for peaceful purposes. Second, government should ensure the digital literacy and AI based programmes for masses to secure their jobs. Similarly, To avoid unethical issues of AI, the "Algorithm" of AI should articulate in such a way that it will not create biased content and paintings of religious people. In addition, strict and rigorous policies should adopt to use it responsibly. These measurements can overcome the challenges of AI and make it possible for mankind to use it safely. Thus, despite many blessings of AI, it has several challenges such as political, economical, educational, and social, However, some effective measurements can overcome these problems of AI.

The pioneer of artificial intelligence John McCarthy defines it as, "the science and engineering of making intelligent machines especially, intelligent programmes". Likewise, AI is a way of making a computer, a computer controlled robot or a software think intelligently, in a similar manner through which an intelligent human thinks and makes decisions. The primary goals of AI are to create expert system and to implement human intelligence in machines. AI can performs expert decisions and formal tasks. These tasks are financial analysis, engineering, medical diagnosis,

scientific analysis and educational activities. However, 21st century man faces challenges of AI use responsibly. AI has blessings as well as disguise. Today, the world faces challenges of AI in various forms.

1st of all, mankind faces political challenges of AI in modern world. People change and manipulate the election results and voting system through AI tools. These AI tools have the ability and capacity to change the entire voting system. In many countries of the world, elections are held through electronic voting machines (EVM). These EVM are controlled through AI algorithms. These AI tools can manipulate the result of voting system. Similarly, the season of audio leaks can twist the power politics of any country. These fake and leaked audio are used to change the power politics of any country. Yuval Noah Harari says that, AI has hacked the operating system of human civilization and democracy. AI are frequently used in changing the voices of people and used it for political propaganda. Hence, AI is an existential threat in power politics of modern world.

Similarly, AI is used for spreading misinformation and disinformation of political leader's voices. People generate fake voice messages of political leaders through AI bots. They spread these fake voices in social media. Some of these voices

are based on biased content and fake information. Militant and malicious people use it for their own purposes. Yuval Noah Harari says that, if I am conversation someone and I cannot tell whether it is a human or an AI. people generate exact same copy of voices of their political leaders. later, they use it in wrong way. Therefore today's world leaders are more concern about their voices and messages. Thus, AI can spread misinformation and yellow Journalism.

Moreover, AI creates trade and economic disparities between developed and developing nations. Developed countries have advance technological systems. They use it in trade and economic sphere, and they become rich day by day. while, developing countries have poor technological system. They become dependent on developed countries. So, developed countries extract raw material of developing nations. later, these raw material's product sell in expensive rates. Mostly, now a days trade is through online platforms. Most, developing nations half of population is out of internet. According to world Bank report 2022, only 45 percent people of Africa are using internet. Majority of people are living without electricity and internet. So, AI creates gap between these countries. Developed nations enjoy modern technology and developing nations are out of advance technology.

Furthermore, AI bots are used in fraud and embezzlement in various fields. People make different fake websites and digital platforms through AI technology. They put AI Algorithm in these websites and platforms. These AI tools generate voices and texts just like human beings. People become fool and they invest in such platforms for digital earning. Later, these websites are hacked and blocked. According to data of world statistics report 2022, \$10 million was scammed by different AI tools and websites across the world. People easily make fool by these AI bots and different softwares. Later, these scammers collect money and runaway. Therefore, it is another challenge that mankind faces today's world.

AI has threatened to human jobs and business. This technology replaces humans from their jobs day by day. These AI bots and tools work accurately and quickly than humans. They take decisions quickly and more efficiently than mankind. It is considered, AI will completely replace humans from their jobs, and it will occupy their places in every field. According to report published by McKinsey Global Institute, by ~~2020~~ 2030, around 800 million jobs will be lost because of artificial intelligence. Job and business ~~is~~ are basic need for survival of life. However, it is considered AI will take position of humans.

in addition to these, Now a days, Scammers use different AI tools and softwares for scamming purpose. These scammers generate different fake digital applications and investment websites. They start online earning and trading. when people invest heavy amount in such applications and websites, they blocked their accounts. These hackers and scammers send fake mails to people and collect their data, passwords of their different accounts like bank account etc. later, they hacked their accounts and take money. "in pakistan in 2022, twice time, the National bank of pakistan's website was hacked by scammers and hackers" (Nadia Khalid, Modern era and modern challenges, June 2023). This is one of the biggest challenge that mankind faces today's world. Hence, these scammers use AI tools and softwares for scamming purposes.

Besides, students use AI in education purpose. They use these AI tools and different softwares to cheat in examination. Students use mobile phones and smartwatches during papers. They make assignments and other research papers through AI applications such as ChatGPT. They become dependent on such tools and become dull day by day. Therefore, many countries have banned ChatGPT in educational institutions. "in France ChatGPT is banned in schools and secondary education institutions. Similarly,

in Germany mobile phones are not allowed to the students under 15 years old." (Zahid Mahmood, ChatGPT and education, July 2023). Hence, AI tools like chatGPT are dangerous for primary school children and for their growth. Thus, mankind faces another challenge of AI use it responsibly.

Critical and intellectual thinking is essential for students. without these two traits students are considered dull and mundane. However, AI tools are frequently used in education sector. student use it for their research papers and assignment. These AI tools affect their thinking ability. They donot try to solve any problem by their own thinking ability. They use these AI tools and become dependent on it. Those students who have the ability to solve any question, they become intellectual and rational. Their critical thinking improve day by day. owing to this students must try to solve any problem without these AI softwares and tools. Thus, ~~less~~ less intellectual youth is problem for society and that is created by AI softwares.

Apart from these, innovation of lethal ballistic missiles are one of the big issue for modern world. Many countries have made ballistic missiles through

this modern technology. Automatic weapons, which are controlled by AI algorithm. These automatic missiles easily find their target and search out their hit point. These AI based weapons are more dangerous than traditional weapons. They have the capacity to destroy the world in a second. They follow their target according to pre-programmed instructions. Justine Calma, a science reporter covering the environment and climate in New York Times, she says that AI suggested 40,000 new possible chemical weapons in just six hours. Therefore, at sometime these AI based weapons will be out of control of mankind. Thus, AI is responsible for making ballistic missiles.

Likewise, ballistic missiles, cyber security is another concern for human. People use AI softwares to break someone's security circle. Malicious actors get benefit from this technology and that they use it for wrong purposes. Similarly, Hackers hack other countries' security system. Stephen Hawking predicted that once human develop complete artificial technology, it will take off its own and would be able to redesign itself at every interesting scale. AI become over independent and control the world. Man ^{will} become dependent on AI technology. Therefore, AI tools should be limited and controlled. Thus, AI is bypassing the security circle of humans.

Additionally, people create biased religious content through artificial intelligence. They create un-ethical and misappropriate content against someone's sect and religion. Consequently, society will go towards extremism and violence. Islamophobia is the one of the major threats for the muslims. Non muslim people generate unethical contents against Islam. In result, muslims protest against them. later, they call it extremist and terrorist. Hence, AI tools generate content which is biased and unethical. AI tool are working on outdoor instruction. If someone is malicious and he will create biased content. Thus, AI tools are dependent on man and they follow the instructions of mankind.

Last but not least, people make unethical and immoral paintings of sacred people. These malicious actors damage the feelings of people. Mostly, non-muslim people make pictures and paintings of religious sacred people of muslim. due to this, Islamophobia and other heinous issues evolve in society. "in Europe Islamophobia has increased 70 percent in last five years. Modern technology add fuel to fire on this issue" (Abdul Qadeer, Rising Islamophobia, July 2023) people frequently use these AI softwares and bots to create such type of paintings. thus, AI are used in creating unethical paintings and pictures.

Artificial intelligence has become need of time. Now a days, without modern technology, any nation cannot make progress. But today's mankind cannot use it responsibly. people use it for heinous crimes and purposes. However, some effective measurements can ensure it to use AI responsibly.

Firstly, it is dire need of international co-operation and make policies on security issue of AI. All countries of the world should make rigorous polices on this technology. They should never cross someone's security circle. Cyber attacks and other issues should be resolved through international co-operation. Similarly, united nations (UN) should impose strict measurements on one, who violates the law. Likewise, UN should bane on innovation of lethal ballistic missiles. These AI tools should only use for peaceful purposes. therefore, international co-operation and rigorous polices are need of time to control these issues.

Secondly, to secure human jobs, masses should be given digital literacy. Government should focus on online learning and skill based programmes. Government should prioritize digital literacy, like computer programmes, online working, in educational institutions. AI creates

millions of jobs for human in different fields. According to World Economic Forum, the robot revolution will create 97 million new jobs by 2030. However, only those people will get benefit who know the digital literacy and skills. People can earn and learn through these AI robots. Therefore, government must focus on digital literacy and skill based programmes in educational institutions.

Similarly, government should invest on labor forces to learn AI related programmes. Through these programmes people will learn, how to get jobs in this technological world. Government should conduct AI related programmes in educational institutions. Similarly, government should start small medium industries and digital startups in country. Now a days, mostly people earn through online platforms. According to Digital Economic forum report 2022, 45% of world population is earning through online platforms. Hence, if the people learn AI related programmes and skills, they will get jobs easily. Many companies offer online jobs but their demand is online working skill. Thus, in modern world, digital literacy and AI based skill programmes can secure your life and job.

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Moreover, AI bots companies should fix their AI Algorithm according to ethical and moral way. Companies should set the ethical guidelines and rules in such robots. So that, These AI robots will never generate biased and unethical content. Government should block all those websites which create biased content. According to CEO of AI open company, ChatGPT will never generate any biased content because rule and regulations has been fixed in it. Just like AI open company, every online company should fix rule and regulations in their websites and softwares. Similarly, chatGPT cannot generate verse like Quran. Hence, Every AI based websites and companies should implement rule and regulations in their websites and companies.

in a nutshell, AI has blessings as well as challenges to use it responsibly. Twenty-first century is the era of innovation. Humans have invented different automatic machines but today, they face challenges to use it safely. AI is the biggest example of these modern innovation. AI is used in different platforms such as, people use it in political aspect to manipulate the voices and change voting system. These voices are used their own favour. Similarly, students use chatGPT for educational purpose but they become overdependent

on such websites and bots. in result, These websites and bots create less intellectual thinking youth in society. critical thinking ability is essential part of student. Moreover, These AI botos create gap between nations. Some nations of the world have advance technology, so they extract the raw material of underprivileged nations. Developed nations exploit the economy of developing nations. Furthermore, people make lethal weapons through these AI bots. AI has the ability to create lethal ballistic missiles. similarly, people face security issues in this modern world. scammers scam people's money through different websites. Besides, malicious actors create biased content of religion and they used it for violation. However, some effective measurements can overcome these issues. 1st of all, international community should make legal polices on it. similarly, to secure human jobs digital literary is need. lastly, government and AI companies' should set ethical algorithm in these AI related websites. Hence, if people use it for peaceful purposes, AI has the ability to boost the economy of the world. it will become great source of economy. with the passage of time, people will learn and use it safely.
