MANKIND FACES THE CHALLENGE OF USING ARTIFICIAL INTELLIGENCE RESPONSIBLY.

Masha!

Good Attempt!
All the best, I am confident you will ace the exam inshAllah! Just don't stop.

OUTLINE:

1. Introduction:

   Thesis Statement: The responsible use of Artificial Intelligence (AI) is still struggling to burnish its credentials. Privacy Invasion, data breaching and algorithm biases challenge ethical and moral concerns of AI use. The irresponsible AI usage can result in serious consequences such as loss of human controll, unemployement and privacy issues. However, establishment of global regulatory body, and public awareness about AI can mittgate this challenge.

   SP

2. Why humans face challenge of using AI responsibly.

   this is the whole topic, you can discuss rise of AI in 21st century in crunch

3. Challenges of using Artificial Intelligence responsibly.

   a. The self-processing capacity of AI raises several ethical and moral concerns. *generic*

   b. Data breaching or cyber threats can halt privacy. *Compromise?*

   c. AI sometimes shows problematic behaviour resulting in access to misinformation or hallucinations.

   d. Irresponsible use of AI could harm democratic values by reducing political socialization.

   e. Several Algorithm biases perpetuate gender and racial discrimination.

   f. Inadequate capacity of education system to face AI's dangers.

   g. Ecological concerns of AI use also poses Challenge for its use.

4. Impacts of using Artificial Intelligence irresponsibly.

   a. Irresponsible use of AI could lead to loss of human controll. SP

   clarify

c. Irrational application of Artificial Intelligence can harm global health and security.

e. The use of AI in medical sciences have huge implications on individual's confidential data.

d. AI could overpower human jobs and increase unemployement.

e. Excessive use of AI could reduce human capabilities.

f. Disparity in the hold of AI could deapen socio-economic divides.

g. The misuse of AI could spread misinformation across the borders.

5. The Challenge of irresponsible use of AI can be countered by.

(a) Establishment of effective global regulatory body for AI usage.

(b) Public should be aware about grave consequences of AI through education and media.

(c) Top to bottom approach for incorporating binding ethical frameworks.

(d) Holding AI developers and organizations accountable for their actions.

6. Conclusion.

Possibility of misdiagnosis?

Content is relevant, thorough

Presentation

Use a more relevant hook to topic (margin note)

revise present indefinite tense (margin note)

"Artificial Intelligence is likely to be either the best or worst thing to happen to humanity."
— Stephen Hawking

Artificial Intelligence has transformed human lives. It facilitates mankind in various fields such as science, technology, industry and art. It benefits by reducing time and space consumption. However, the irresponsible use of AI could kill the humanity where it hurts the most. *where? specify* Therefore, it is chief responsibility of a man to either utilized AI for one's best purposes or worst aims. However, some experts raised concerns over irresponsible technology within AI itself such as Algorithm biases, problems in deep learning, ethical concerns and security measures. These issues could lead to misuse of information and perpetuate discrimination. Furthermore, the rise in cyber attacks and data breaching could invade privacy and personal space. The excessive reliance on AI could halt human capabilities and loss of human controll *SP* on technology. AI has further overpowered humans in professional fields by reducing humans involvement and threatens social structure. The responsible use of AI is still struggling to burnish it credentials. Privacy invasion, data breaching and algorithm biases challenge ethical and moral concerns of AI use. The irresponsible AI usage can result in serious consequences such as loss of human controll, unemployement, privacy and health issues. ——? However, establishment of global regulatory body,

and public awareness about AI can mitigate this challenge.

Artificial Intelligence is the ability of machines to perform tasks that are typically associated with human intelligence such as learning and problem solving. AI was founded as an academic field in 1956, but showed tremendous expedition with the incorporation of deep learning in 2012. Deep learning is a method of machine learning based on artificial neural networks (ANN) to extract higher-level features from raw input. Moreover, lack of theoretical practices and problematic behaviours of AI challenge its responsible and ethical use. AI learning models are susceptible to cyber threats, resulting in data theft and security issues. However, ethical foundations and global policies could raise awareness about its dangers and mitigate this challenge.

The irresposible use of AI challenges ethical and moral concerns. Artificial Intelligence is still a novice technological field, its integration in daily life without enough theoretical and scientific explanation could create ethical dilemma. Many experts suggests the decisions made by AI in life or death situations could alter behaviour pattern of AI, leading to irrational results. Recent controversy related to virtual simulation of AI-mediated military drone results in the death of an operator, who

was percieved as interference in its mission. Thus, irregularities in the operations of AI could lead to ethical concerns.

These moral concerns can also be associated with data breaching. Open access to artificial intelligence could harbore cyber attacks or data theft of private information. Many AI mediated websites steal information available on internet without consent. Clearview AI scrapped 30 billion images from facebook without consent and gave them to cops for facial recognition software. (AI puts everyone to perpetual police line-up, Katherine Tangalakis, 2023). The invasion of private data could threat individual's privacy and security and challenge its responsible use.

The problematic behaviour of Artificial Intelligence could result in access to misinformation or hallcinations. Irregular learning and certain limiting measures of reasoning alter rational pattern of AI. Continuous processing of AI could results in false results and fake reports. In 2023, a lawyer named Stephen Schuwartz came up with six non-existent fake case precedents created by ChatGPT to defend his case. (Here's what happens when your lawyer uses ChatGPT, Benjamin Wieser, 2023). Thus, deviant AI useage leads to fake information.

Furthermore, Artificial Intelligence. useage reduce political socialization in young generation damaging democracy. The essence of real democracy lies in representation of people by more qualified youth. The influence of AI in daily life reduces political awareness and interest. A recent study shows that STEM education and AI use both have affected civic education and political socialization resulting in poor turnout and representation (AI's red threat to democracy comes from within, Tony Winick, 2023). The irresponsible use of AI can challenge democratic values.

In addition to this, Artificial Intelligence could also foster discrimination among population. AI could misinterpret information and discriminate people based on race, colour or gender due to Algorithm biases. Many AI tools shows favouritism to males as demonstrated by gender discrimination in technological recruitment. In 2018, Amazon recruiting tool favored male candidates (Amazon scrapped "sexist AI tool", BBC, 2018). Furthermore, many AI tools misrepresent humans based on their colour at various occasions. In 2015, Google Photos represented a black man named Jacky Alcine and his friend as "Gorillas" because they were black. Thus, gender and race discrimition challenge responsible use of Artificial Intelligence.

The greatest challenge to responsible use of Artificial intelligence is capacity of education system to combat its risks. The current education system is devoit of thorough analysis of AI use and thus incapable to educate children and adults for possible AI outcomes. The lack of technological innovation and AI integration to traditional education system risks the responsible use of Artificial Intelligence. World Economic Forum reports 76pc educators believe that current education systems are not adequately preparing students for the challenges posed by AI and related technologies. The unequiped education system open ways for irresponsible use of Artificial Intelligence.

Moreover, the growing ecological concerns over Artificial Intelligence use also poses challenge for its use. The technological waste created by AI tools harm global environment and health. Many Artificial Intelligence machines emilt green house gases damaging ozone layer threatening human health. Training a single AI system can emit over 250,000 pounds of Carbon dioxide. In fact, use of AI technology across all sectors produces Carbon dioxide at a level comparable to aviation Industry. (AI's environmental costs and promise, Elsabet Tones, 2022). Thus, Irresponsible use of Artificial Intelligence could risk global health and environment.

It's better to draw margins

These challenges of irresponsible use of Artificial Intelligence have huge implications, top among them is loss of human Controll. The self operating tendency of AI requires minimum intervention of humans. Artificial Intelligence chatbots process the data and make decision-making without human assistance, which results in some irrational and inappropriate outcomes. In 2016, microsoft developed a AI chatbot named Tay, which started making offensive and inappropriate statements on social media. The loss of human controll on man-made technology can results in bad consequences.

Furthermore, the irrational application of Artificial Intelligence can halt global health and security. The AI can be used for various dangerous purposes such as spreading of diseases, mutating viruses and altering composition of nuclear ingredients. The rise of non-state actors in modern world could utilize AI for their heineous acts. In 2022, a pharmasiets got 40.000 new possible biochemical weapons similar to VX (venomous agent X) by the help of AI within 6 hours. (The verge, Justine Colma, 2022) Furthermore, the use of Artificial Intelligence in wars or military weapons could increase hostilities. Many countries used AI mediated drones in wars such as Israel and Turkey to have superior hand in the battlefield. Thus, the irresponsible use of AI could threatens global health and peace.

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Recently, Artificial Intelligence is being used in various fields among them Science and technology top the list. The inevitable incorporation of AI in medical sciences and daily used technological tools could threaten privacy and have huge implications on Individuals confidential data. The Scientists are working very hard to make disabled persons overcome their weaknesses with the help of AI, but the trial and error practices on self-regulated machinery on human body results in unimaginable consequences. UNESCO states that Brain implants or Scans integrated by AI threatens mental privacy. Thus, the irresponsible use of AI in medicine and Information technology invades privacy.

Moreover, the recent doldrums about the increase rate of unemployement due to use of Artificial Intelligence have huge implications in near future. AI has taken over many human jobs in manufacturing industries, agriculture and Science. The decrease in time and space consumption mediated by AI increase productivity and quality. Manufacturing sectors has seen significant job losses due to automation, between 2000-2010 US lost around 5.6 million manufacturing jobs. Furthermore, the use of AI in arts could threat existence of humans in many artistic fields such as film industry, music industry, voice overs, journalism. In 2023, the union between SAC-AFTRA and

√ readability
- flow

NGA for addition to Hollywood actors protested against the use of AI in media and Arts. They demanded regulation of AI and security measures of their services and jobs. The unavoidable use of AI in many humans jobs impacts social security and financial needs of mankind

In addition to this, excessive reliance on Artificial Intelligence in daily life damages human capabilities. The decision-making power and critical thinking can be severly damaged by excessive assistance of AI in routine work. The automatic machineries and self.-regulated tools demotivate and de-energize humans ability to work and exercise. The leading cause of medical death around the globe is Ischemic heart disease, which is exagerated by lack of exercise and sedantary lifestyle (WHO, 2022). Thus, the excessive use of AI in daily life could halt human health and abilities to cope that damage.

The disportionate use of Artificial Intelligence can deapens socio-economic divides in society. The access to AI to certain individuals could harm social security and structure. The elite groups can use AI for their personal benefits and make the vulnerable population at the verge of damage due to inaccessibility of Revolutionary AI. According to Credit Suisse, 2020, around 45.8 pc of global wealth is concentrated to 1.1 pc of richest group of adult population.

√ Transitions

evidence not directly related to AI

Thus the polarity in the accessible and available resources of Artifical Intelligence could foster resentment between social groups.

The irresponsible use of AI could amplify the spread of misinformation very quickly. The misuse of Artifical Intelligence for public humiliation and public shaming of adversaries could harbor confrontations or verbal wars. This damage public trust and perception of real world as evil and vice. The fake scenario of China invading Taiwan with the help of AI created for political ad. political unrest in United States, which pushed democrates to introduce legislation for disclosure of AI-produced content in political advertisement. The rise of public distrust and disbelief can be boosted by irresponsible use of AI.

To counter these challenges, global community should establish legislative body for regulation of Artifical Intelligence. The authoritative body should have binding implications to all states and check the misuse of AI. Many regions have established seperate entities solely for proper use of AI. European Union created GDPR (General Data Protection regulation) to set standards for data protection including regulation around AI. In order to benefit from huge advantages of AI and counter the threats, global institutions would play a major role in regulatory check of Artifical Intelligence.

Furthermore, masses should be educated about the dark side of Artificial Intelligence. The education and training of people for possible bad consequence will raise awareness and cautious attitude. Many digital platforms, public awareness and AI training can help mitigate these challenges. The paid awareness content or ad's on facebook, Instagram or whatsapp can enhance reach and influence perceptions. Thus, the help of online platforms and education can be a great source to raise AI awareness.

In addition to this, Ethical frameworks should be made applicable to various domains of AI useage. Top to bottom approach should be incorporated from Governments to global entities. for moral and ethical standards. UNESCO has introduced first ever global standards on AI ethics "Recommendations on the ethics of AI" in November 2021. Furthermore, regional companies, corporate interests groups or multinational groups collaborate with the government for responsible use of AI. Microsoft has dedicated office of resposible AI, established in 2019 to ensure comprehensive approach to AI (7 things to know about responsible AI, A conversation with Microsoft's Chief Responsible AI, 2023). Therefore, ethical frameworks should be introduced in every domain to mitigate moral challenge of AI.

Challenges of irresponsible AI could never be countered unless users are held accountable for their actions. The irresponsible behaviour of AI users should be accounted transparently through independent Judicial bodies. Proper legislation should be established related to Artificial Intelligence, which governs detterence to irresponsible behaviour. The General Secretary of United Nations "Antonio Guterres" alarmed the world about the peak of digital revolution, nuclear threat and climate disasters and warned that AI could pose a risk to peace and security. He suggested to have a universal approach which offers potential legislative way-forward (Guterres Calls for AI "that bridges divides" rather than pushing us apart, UN, 2023). Thus, holding AI developers and organization 1 through legislative measures accountable pushes AI threats to the walls.

In a nutshell, several automated and self-regulated problems in Artificial intelligence could challenge social harmony, moral discipline and private information. The irresponsible use of AI could damage global health, security and peace. Furthermore, excessive reliance on AI can result in loss of human controll and human jobs. However, through integrated approach of governments and global entities for establishment of legislative regulatory bodies could halt this challenge. Public Awareness and transparent accountability of users strengthen the protection against the ills of AI.

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Add hook in conclusion too

In an essay)

outline
intro
conclusion
are the most
imp parts

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