ARTIFICIAL INTELLIGENCE: ITs PROMISE AND PERILS.

OUTLINE:-

1. Introduction:-

   Thesis Statement: Artificial Intelligence is a ~~naive~~ technological domain, which still struggles to burnish its credentials. Despite its keen assurance to assit mankind, various challenges persists related to the use of Artificial Intelligence. However, effective global policies and a balanced approach could halt the dangers of AI.

   [margin note: word not suitable.]

2. Working of Artificial Intelligence: Promise and Perils

3. Promises of Artificial Intelligence.
   a. leverage humans drawbacks and assist mankind.
   b. Reduce time-space consumption and enhance efficiency.
   c. Unbiased and impartial decision-making.
   d. Performs under human's surveillance and shows acquiesce.

   [margin note: give equal weight to both perils & promises. This is expository topic.]

4. Perils of Artificial Intelligence.
   a. AI could harm privacy and invade personal data.
   b. Increase reliance on AI could halt human jobs.
   c. Algorithm biases perpetuate gender and racial discrimination.
   d. Empowering AI leads to loss of human control.

SOLO   Teacher's Signature _____

e. Excessive use of AI could leads to atrophy of human abilities.

f. Irresponsible use of AI spreads misinformation.

g. Unregulated AI could damage global peace and health.

h. AI waste participate in climate crisis due to carbon gas emission.

i. Unqualified education system to handle AI challenges.

5. AI can be directed to stick to its promises and avert perils by:

a. Binding global legislative body for regulation of Artificial Intelligence

b. Accountability of AI developers and organizations for their actions

c. Public awareness and education about possible consequences of AI useage.

6. Conclusion.

Artificial Intelligence is likely to be either the best or worst to happen to humanity (Stephen Hawking). The Invention of Artificial Intelligence opened d the doors of unexpected ventures. AI is a technological field, which operates according to the needs of its operator. The fate of AI to be either the best or worst depends upon the usage. *AI also holds the capacity to learn from experience.* Hence, the dual functionality of Artificial Intelligence engendered the benefits as well as the dangers. AI increases efficiency of human work by assisting in reducing time-space consumption. It is devoit of any influences, which results in unbiased and effective decisions. Furthermore, it promises to be under human control and obliges to take orders. Contrary, many ethical and moral dangers posed by data invasion and misinformation creates disharmony in mankind. Excessive reliance of AI in everyday halts human jobs and loss of human abilities. Moreover, unregulated AI could perpetuate gender discrimination and harm global peace. However, global authoritative body with binding legislativon could regulate AI usage Public education about severe consequences about perils of AI could diminish AI harm. Artificial Intelligence is a naive technological domain, which still struggles to burnish its credentials. Despite its keen

word proximity

assurance to assit, mankind, various challenges persists related to the use of Artificial Intelligence. However, effective global policies and a balanced public approach halt the dangers of AI.

Artificial Intelligence is an ability of machines to perform tasks that are typically related to human intelligence. such as learning and problem-solving. Artificial Intelligence was invented in 1956, but showed huge expeditions after the incorporation of deep-learning in 2012. Deep-learning involves artificial neural networks (ANN) to extract higher-level features from raw material. This accomplish-ment allowed AI to help human in various domains under continuous serveillance. It increased efficiency of mankind by unbiased and speedy decisions. However, AI also poses great dangers to human jobs, capabilities and morality. The damaging capability of AI alarmed the mankind to take promptive actions related to regulation of AI.

Artificial Intelligence established many promises with mankind from its existence. The foremost pledge, which AI took was assisting humans and leveraging

their drawbacks. Human works after thorough analysis, incorporates various dimensions and decides based on his rationality. This process involves a long process and takes times. Human takes input from outside world through five senses i.e vision, touch, taste, smell and hearing. The sensory information travels through receptors to the cortical brain, which processes and commands to effectors through motor supply for action. Moreover, the mental approach to decision-making is influenced by emotional infatuations, which can affect decisions. However, the lack of emotional influence in AI decisions makes it perfect for prompt neutral results. Thus, AI helps humans to take neutral decisions and assists in their functionality.

Furthermore, Artificial Intelligence reduces time-space consumption and enhances efficiency. Throughout history, humans evolved various tools and technology which can increase their efficiency by decreasing time consumption. Processing information and accessing various dimensions through traditional learning requires thorough screening and research. However, incorporation of AI in education have decreased time consumption in accessing quality information. The release of ChatGPT in 2022 revolutionized the world by its quick results and concised knowledge.

unnecessary and irrelevant detail

focus on this Part

Moreover, AI enhances efficiency by reducing human involvement at every stage. The AI driven cars creates opportunity for mankind to decrease his load and reduce space consumption. Recently famous manufacturing company of cars ~~introduced~~ "TESLA" introduced AI driven car, which showed positive results. Hence, AI promises of enhancing efficiency of humans by reducing investment of human's energy.

Artificial Intelligence cannot take biased decisions based on cultural, racial or political influences. AI is a technology, which make impartial and unbiased decisions based on its rationality. The neutral stance of AI promises mankind to create effective policies. On domestic level, where various cultural and racial strings pushes policy makers to have biased stance. AI provides huge advantage for effective policy making, beneficial for every group. Therefore, impartial decision-making power of Artificial Intelligence promises humans for effective decisions.

Artificial Intelligence works under humans surveillance and is obliged to show acquiesce. AI is created to perform for the benefits of humans. It is made obligatory to take commands from the

operator and is bound to work for the betterment of mankind. This allows humans to have an upper hand over AI and could direct it useage. The input given to AI requires human intervention and surveillance, which makes AI existence at the expense of humans orders. Therefore, AI promises to be under continuous supervision of mankind and works for his progress.

However, all these perks doesnot overlook the perils of Artificial Intelligence. AI could harm privacy and promote data invasion. Artificial Intelligence is incorporated in many fields of life and have huge data. The irresponsible use of AI in information technology could harm personal privacy and threat of data invasion. In 2020, Capital one breached and exposed personal information of about 100 million customers with the use of AI. Furthermore, the use of Artificial Intelligence in health creates alarming threats of mental privacy. The Brain implants and chips could threat mental privacy (UNESCO, 2023). Hence, AI poses significant danger of data and privacy invasion.

[Margin note in red:] This needs reference. There are already Autonomous systems that are under operation e.g TESLA's car. They only need to know the location the rest of the decision making is their own.

Furthermove, Excessive reliance on Artificial intelligence could halt human jobs. The incooperation of AI in every domain of humans work creates dispropotionate dynamics. Many workers are threatens to loose jobs due to efficient results of AI. World Economic forum reports that by 2025 automation in various human field could decrease 85 million human jobs. Furthermore, AI based voice over, comparable artwork and graphic skills poses significant danger for workers of respective fields. In 2023, Hollywood along with SAG-AFTRA went on strike against unregulated AI useage in movies and art. Therefore, increase useage of AI can harm human employment.

In addition to this, various algorithm biases perpetuate gender and racial discrimination. AI sometimes develop behavioural changes which dismantle its algorithm. Many companies involves AI in the recruitement process past few years. In 2018, amazon AI tool favored male candidates over females in recruitement process (Amazon's sexist AI tool, BBC, 2018). Furthermore, it also process a racial discriminatory information based on restricted knowledge. In 2015, google photos compared an African man "Jacky" to Gorilla

sentence structure

due to his colour. Thus, discriminatory abilities of Artificial Intelligence poses great damage to the mankind.

Moreover, empowerment of AI leads to loss of human controll. The unchecked popularity of Artificial Intelligence pushes humans to update and promote AI at various levels. This self-sufficiency and empowerment overtakes human's controll. The recent military simulation powered by AI showed astonishing results when it killed its own operator, because it percieved him as a threat to its mission. Hence, self-sufficiency of Artificial Intelligence could overtake human's command.

The perills of Artificial Intelligence does not only restricts to practical dimension of humans but also harm human abilities. The excessive reliance of humans on AI in daily routine damage human skills and thinking capabilities. The biological evolution of humans shows atrophy of various organs such as Tail (coccyx), appendix, and embryonic gills. Scientists believes that lack of useage could diminish existance of various organs in the future. Thus, uneviable perill of AI involves loss of human capabilities.

Furthermore, unregulated use of Artificial Intelligence creates virtual hallucinations and spread misinformation. The technological errors in AI creates dellusions and hallucinations, which can lead to ~~=~~ access to ~~data.~~ false data. The misrepresentation of information harbors unrest and jeopardy in the society. In 2023, a lawyer named "Stephen" presented non-existent six precedent case referals in "Mata vs Avianca" trial using ChatGPT (what happens when your lawyer uses ChatGPT, Benjamin, 2023). Therefore, virtual errors of Artificial Intelligence spread misinformation and access to non-existent data.

Moreover, the use of AI in the era of globalization threatens global piece and health. The possible use of AI by non-state actors for creating disharmony around the globe rings alarm in International arena. Artificial Intelligence could be incorporated for inventing new weapons and tactics against adversaries. AI suggested 40,000 possible biochemical weapons in just six hours similar to violent nerve agent-X (VX) (The verge, Tasmine Calma, 2022). Hence, possible irrational use of AI could harm humanity.

Teacher's Signature

Furthermore, AI wastage also have ecological impacts. This damages environment and global climate. The AI technology is incorporated in various fields and thus participate in huge carbon emissions. Training a single AI system could emit over 250,000 pounds of CO_2. In fact, use of AI technology across all sectors produces CO_2 emissions comparable to aviation industry (AI's environment costs and Promises, Elsabet, 2022). Therefore, AI useage leads to participate in climate crisis.

In addition to this, current education system is not adequately equipped to overcome AI challenges. lack of proper education and possible outcomes of AI useage hampers effective implication of Artificial intelligence. Around 76pc educators believes the current education system around the world is uncapable to overturn AI dangers (world Economic forum, 2023). Thus, inadequate educational capability related to AI access poses dangers to the existence of mankind.

However, all these perils can be overturned with effective regulation of Artificial Intelligence at global level. Global Institutions should bring binding legislature for ethical frameworks of Artificial intelligence. UNESCO produced first ever ethical framework on AI " Recommendations on the ethics of AI " in November 2021, but is not binding to all States. Therefore, top-to-bottom approach is needed for effective regulation of AI useage.

Moreover, accountability of AI developers and organizations for their actions should be top-most priority of the world. This will avert dangers by encompassing sense of accountability in the authoritatives. The transparent use of AI for the beneficiary of mankind requires extensive screening and analysis of actions. This will create harmonized behaviour of operators and assure security for human's welfare. Thus, accountable measure for operators of AI ~~should~~ would avert its challenges.

Furthermore, perils of Artificial Intelligence could be averted by promoting AI education and public awareness of AI harms. The information about severe consequences of Artificial Intelligence could hold human accountable for their actions. The spread of AI awareness could be done through print media, digital media or virtual world. Furthermore, public awareness campaigns and seminars could further increase audience. Therefore, educating masses about danger of AI can halt its et threat.

In a nutshell, Artificial Intelligence is a technological field, which requires human commands to function. It was created to assist human is routine world and decrease load of man in various field. However, many possible dangers of AI alarms the world. It could halt human jobs, invade privacy, impacts moral and ethical concerns and global peace. But global cooperation about regulatory body for AI useage, public education and transparent accountability could counter this challenge and promote positive useage of Artificial Intelligence.

expand conclusion.

	Category	Total marks	Obtained marks
Content	Qualitative analysis	10	3
	Quantitative analysis	10	3
	Validity & Reliability	10	3
	Relevance	10	4
Language	Sentence structure	5	2
	Vocabulary	5	2
	Clarity	5	3
	Command of language	5	3
	Expression	5	2
Structure	Outline	5	2
	Introduction	5	2
	Body paragraphs	5	2
	Conclusion	5	2
Coherence	Cohesion	5	2
	Coherence	10	3
	Total		38