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TOPIC: Artificial Intelligence : Merits and Demerits

Outline

A. Introduction

1. General Statement :

AI is the sign of change in this century. It imitates the Industrial Revolution of previous century.

2. What does it mean by AI?

3. Thesis statement : This essay will contain the pleasures and discontents pertaining to AI.

B. Merits of Artificial Intelligence

1. It revolutionized the health sector;

- Exemplary examination of patients through AI
- Assists doctors in finding advanced treatments

2. AI transformed the transportation sector;

- Provides data about congested roads
- Self-driving cars and trucks devised by AI

3. Enhancement in economic progress;

- It coupled the human labours with advanced machinery
- Unprecedented production

4. AI brought advancements in the domains of engineering and scientists;

- a. It provides multiple designs and maps
- b. Space knowledge

c. Demerits of Artificial Intelligence;

1. Increased unemployment;

- a. Machines are performing tasks

- b. Robots replaced human labours

2. Violates privacy; the

- a. Brexit vote in United Kingdom

- b. Case in point, Persecution of a girl in Pakistan for her viral picture

3. Weaponized in wars;

- a. Manless drones

- b. Incorporation of AI in modern weapons by US and China

4. Affects creative abilities;

- a. Over-reliance on gadgets for routine tasks

- b. Absence of scientists in contemporary world

5. Promotes biasness;

- a. Contents designed according to human biasness

- b. Based on religious and national biasness

D. Conclusion: Humans usage determine the good or bad trajectory of AI

ESSAY

The Industrial Revolution transformed the previous century. It brought the world to an apex of advancements. In the same way, Artificial Intelligence (AI) is imitating the Industrial Revolution in this ongoing century. This century is witnessing unprecedented development in technology due to AI. Artificial Intelligence means the intelligence of a machine. This concept can be associated with softwares of machines. Its existential forms are Information Technology, Chat GPT and other inventions. AI entails both merits and demerits. Its contributions in the domain of health, education, transport and space exploration are undeniable. It has minimised the human efforts to a great extent. However, its emergence has also brought multiple hazards. There appears the threat of escalating unemployment with the

rise of machines. Privacy of the people is at stake. People find it hard to secure their privacy due to AI. It has added fuel to the fire of wars. Its usage was witnessed in the recent war between India and Pakistan. Hence, the subject of this essay will be the merits and demerits of AI.

AI has brought revolution in the domain of health. It has made the lives of the people longer. Health means the physical and mental fitness of any individual. AI has made the work of the doctors easier. The examination of the patient has got more easy. AI can examine the disease of any patient within no time. It equips the doctor with more reliable and credible data about the patients. Similarly, it assists the doctors in keeping

the entire digital history of patients. Likewise, it offers tangible prescriptions and treatments against numerous diseases. Doctors find AI convenient in accumulating various data pertaining any data with the help of AI. Hence, AI has enhanced the progress of health sector.

Apart from ameliorating the health sector, AI has also brought uncountable or remarkable development in transportation. It has devised self-driving cars and trucks. Trucks play vital role in transportation of agricultural goods across the world. These trucks would transport food items within no time. Similarly, AI aims to fix the problem of traffic congestion. Many big cities are faced with this hurdle. However, AI would assist the traffic police in their functioning. It would provide data about the most

vulnerable roads prone
to the traffic congestion.
It would trace road
accidents and ensure
timely rescue. The use
of AI in traffic's
domain has been
adopted by many
countries. Thus, AI would
facilitate and reduce
the irritants in
transport sector

Besides, AI would
give impetus to
economic progress. Economic
progress or stability
is the economic or
financial growth of
any country. It would
equip the labours
with modern technology.
This technology will
assist them in obtaining
greater production. The
appropriate utilization of
technology will maximize
their efficiency. Developed
countries have incorporated
AI technology in their
industries. Increase
production enhances the
economic growth. This
maximum production becomes
possible with the
use of AI in industries.

It would be fair to consider AI as the driver of economic growth.

Last but not least, AI has arrived to rescue the engineers and scientists. These domains are linked with innovations. They were used to be substantial endeavours at their hands before the arrival of AI. They used to propagate their tasks in a manual way. Engineers made maps by hands. Now, they can easily attain dozens of maps with the help of AI. Scientists faced a lot of troubles in space exploration. There existed uncertainty about the condition of space. However, AI has made their work easy and convenient. Scientists now easily trace the environment of the space with the aid of AI. They do not have to strive or put their lives at

stance for this. Hence, it would be rational to praise AI development in the spheres of engineering and science.

The above paragraphs explained the advantages of AI. The upcoming paragraphs will shed light on its perils or disadvantages. Firstly, it encompasses the danger of unemployment. Unemployment means the absence of livelihood. AI appears to be replacing human labour by machines. Machines would be ubiquitous. It would erode man's capacity to earn livelihood. As machines do accurate work in minimum time, the need of human labour will finish. Robots would be performing the works of human beings. Hence, the emergence of machines and robots would snatch man's ability of labour.

Secondly, AI poses ample threat to the privacy of people.

The breach of privacy has spiced after the arrival of AI. People are unable to hide or protect their critical data. It has approached the personal data of the people. The data of thousands of people were stolen to manipulate the presidential election in the United States.

The story of Brexit vote in the United Kingdom also reflected the identical phenomenon. People's data were stolen and harnessed for the purpose of election. Likewise, privacy violation holds detrimental repercussions gender violence. This privacy violation has added to the miseries of developing countries like Pakistan. There exists no compromise on the disregard of women's honour. AI has exposed these women to privacy violation. People creates fictitious pictures of women by manipulating AI. Ultimately, they unfairly bear the brunt for the actions of others.

Similar incident occurred in Kohistan. A sixteen years girl was persecuted when her picture got viral on social media with another man. Later, the picture was found to be created by AI. Hence, AI is the culprit in contravening privacy of people.

Thirdly, AI has turned the war into more destructive phenomenon. Its use is increasing in wars. Modern weapons entail the features of AI. Countries have devised manless warplanes. These planes would operate without pilot. AI grants strength to wars. Modern drones are embedded with AI. The use of AI in wars was witnessed on many instances. The recent war between Pakistan and India also observed the use of AI in it. Both countries regulated their borders with AI. Similarly, they used AI in specifying the accurate targets.

Likewise, the arms race between China and the United States has attracted AI for their assistance. They are making the use of AI more common in wars. This unstoppable emergence of AI in wars would culminate in greater havoc. Hence, it would be fair to accuse AI for facilitating wars.

AI has snatched the creative abilities of the people. Creative abilities mean cognitive abilities. The excessive use of AI has robbed human of this ability. Human brains get sharper on maximum utilization. The capacity of the brain depends upon its usage. However, AI has snatched this ability from human beings. They now rely on AI for the accomplishment of their tasks. AI has given them substantial access to all their

requirements. This unfortunate phenomenon has created the scarcity of prominent scientists in this century. This century has failed to generate sagacious minds like Einstein and Newton. Furthermore, AI has blocked the way of inventions. If human mind would rely on AI for everything, then ~~making~~ doing inventions are a distant dream. Hence, AI multiplied the number of uncreative people.

Last but not least, AI brought massive biasness. Biasness means to hate someone on various grounds. As AI the creation of human beings, it reflects the biasness existing in their minds. Its contents are based on hatred against particular races and nations. This hatred isolates the AI users from that specific nation. Similarly, its contents are based on religious biasness as well. This widens the gap

between the people from different religions living with harmony. Hence, biasness is the outcome of AI.

To conclude, it can be said that AI holds both privileges and perks. It is upto humans to make its use. AI's positive use has benetited the humans in many ways. It has cooplied with their efforts in accomplishing insurmountable tasks. AI's profits have made it the integral part of people's life. However, its perks are also undeniable. Humans suffer to safeguard their privacy with its emergence. Man is witnessing decline in his creative abilities owing to his over-reliance on AI. AI aims to change this century lilce Industrial Revolution changed the previous one. However, AI's appropriate usage can turn adverseries into prosperity.