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Artificial Intelligence can be the savior of human race

Outline:-

1 Introduction

Thesis Statement: Artificial Intelligence holds the potential to be the savior of human race, but it also has the power to destroy the human race. However, if certain proactive measures are implemented, it will be beneficial for human beings.

Artificial Intelligence holds the potential to be the savior of human race, but it also has the power to destroy the human race. However, if certain proactive measures are implemented, it will be beneficial for human beings.

2) Correlation between Artificial Intelligence and human race: An overview.

3) How AI can be the savior of human race.

a) AI provides sustainable solutions in the environmental domain which lead to sustainable future for the mankind.

b) AI provides technological advancements in the health sector which will enhance life-expectancy.

c) AI provides novel solutions in the agricultural sector which will increase productivity in the sector.

d) AI promotes digital education which will provide cheap and quality education to the human race.

e) AI promotes renewable energy sources which will provide cheap and clean energy for humans.

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- b) AI assists in space research, exploring new avenues for humans.
- g) AI provides novel solution in water conservation which will reduce water scarcity in the globe.

4) How AI cannot be the savior of human race?

- a) AI promotes political instability through algorithms which has increased violence ^{cross} on the globe.
- b) AI promotes digital authoritarianism, converting states into mass surveillance centers.
- c) AI assists in developing lethal military technology which will wipe out the human race.
- d) AI has escalated unemployment due to automation which will lead to chaos and instability.

5) However, if certain proactive measures are implemented, AI can be the savior of human race.

- a) Promote awareness among masses which will promote rational use of AI technology.
- b) Introduce techno-prudential governance to regularize emerging technologies which will make sure that technological development is only for the benefit of human race.
- c) Introduce data privacy laws which will control the flow of data to big-tech-companies.

6) Conclusion.

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Essay

Artificial Intelligence is the emerging field. Many analysts believe that it has the power to revolutionize the field of technology. It provides prospects novel solutions in the multiple fields which will ^{can} be savior for the human race. For instance, AT provides sustainable solutions in the environmental domain, and provides novel solution in the agricultural sector. Moreover, it promotes digital education, and renewable energy sources which will shape the human's future. AT assists in space research, and provides novel solutions for water conservation. However, some people believe that AT cannot be the savior of human race due to its lethal consequences. It promotes political instability through algorithms, and digital authoritarianism. In addition, it develops lethal military technology, and escalates unemployment due to automation which will lead to chaos and instability across the globe. On the other hand, if certain proactive measures are implemented, it can be the savior of human race. For example, it promotes awareness among masses will enhance rational use of AT. Furthermore, when techno-prudential

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governance principles and data privacy laws will be implemented, it will regularize the negative effects of the AI technology. Hence, AI holds the potential to be the savior of human race, but it also has the power to destroy the human race. Therefore, certain proactive measures are ^x(implemented)^x required to harness AI technology for the benefit of human race.

AI and human race go hand in hand. It is because AI holds the potential to revolutionize the future of human race.

AI based technologies have the applications in multiple sectors. It provides novel solutions in climate, health, education, and energy domains which are essential for the future of human race. ~~to~~ Therefore, it is argued that AI and human race are correlated to each other.

In this regard, the first and foremost argument is that AI provides sustainable solutions in the environmental domain, which lead to sustainable future for the mankind. Climate poses the biggest threat to the human race. It does not pose dangerous to the one community or the one country, but ~~is~~ to the whole globe. AI is providing sustainable

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solutions, such as weather forecasting, carbon storage facilities, and renewable energy which will be helpful to reduce carbon footprint across the globe. Moreover, according to **EU report 2020**, AI is helping European countries to shift towards renewable energy and optimizing industrial output with minimum carbon footprint. Thus, AI provides technological advancements which lead to sustainable future for the mankind.

will overlap with a latter argument

In addition, AI provides technological advancements in the health sector which will enhance life-expectancy. AI has revolutionized the health sector. AI-based technologies are carrying out surgeries with the help of robots. These surgeries have not only reduced the risk of human life, but also enhanced the efficiencies of the surgeries. **Yuval Noah Harari** writes in his book "**21 Lessons for 21 century**" that AI based digital health apps will have the complete health history of the patient and it can monitor all changes in the human body. Consequently, it will guide the doctors to take accurate and more efficient decisions which will enhance the human life expectancy. Thus, AI technologies

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will enhance human life expectancy.

Apart from health sector, AT provides technological advancements in the agricultural sector which will increase agriculture productivity. With the rise of population, the demand of agriculture products have increased exponentially. Therefore, many countries are utilizing ^{AI} technology to increase their agriculture productivity.

So, they can feed their population. In this regard, **China** is utilizing AT in the agricultural sector which has enhanced their per acre yield. **According to the World Bank report 2019**, China's per acre

yield is 80 times more than Pakistan. In short, AT provides novel solutions in the agricultural sector which will increase agricultural productivity. ~~It also~~ AI promotes digital education which will revolutionize the educational sector.

AT has the potential to digitalize the education.

After the covid-19, the world is heading towards digital education. It is because digital education provides cheap and quality education. As Malala

Yousufzai once said "one pen, one teacher, and one note book could shape the world". However,

in the modern digital world, one can say that

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How does that relate to AI?

one internet connection, one digital teacher, and one digital device can shape the world. Hence, AI promotes digital education which will revolutionize the educational sector.

AI promotes renewable energy sources which will provide cheap and clean energy for humans. AI Renewable energy is the future energy of the world due to global warming. However, Renewable energy has the multiple drawbacks among which the prominent one is voltage fluctuations. Consequently, it produces instability in the grid. Therefore, AI is used to reduce voltage fluctuations, providing stability to the grid. **For instance, Germany has welded AI with its Energy system.**

As a result, it has not only produce cheap energy, but also has increased energy efficiency.

Thus, AI promotes renewable energy which will provide sustainable energy for human race.

Moreover, AI assists in space research, exploring new avenues for humans. As the space research expands, the use of AI to analyze and discover new avenues for humans increases. AI analyze and produce result which will provide real-time information to humans scientist about galaxy. For instance,

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James webb telescope is the latest telescope made by NASA (National Aeronautics and Space Administration) in 2021. The main aim of the project is to take images and then transfer those images to the earth's receiver stations where these images are analyzed with the help of AI tools. Moreover, NASA Mars mission is impossible without the advancement of AI. Hence, AI assist in space research, exploring new avenues for humans.

Apart from space research, AI provides novel solution in water conservation which will reduce water scarcity in the world. As the population increases, the demand for the fresh water will also enhance. Besides, climate change has affected water reservoirs of many countries, increasing water shortage. For instance, Pakistan's per capita water storage has declined from 5000 meter per cube to 800 meter per cube from 1950 to 2022, according to the world bank estimates. However, the **UAE (United Arab Emirates)** water storage or availability has increased from 1000 meter cube in 1980s to 5000 meter cube in 2023.

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due to Artificial Intelligence. UAE recycle nearly 90 percent of its water with the help of AI based technologies. To conclude, AI provides novel solutions in water conservation which will reduce water scarcity in the world.

However, some analysts believe that AI cannot be the savior of human race.

In this regard, their first and foremost argument is AI promotes political instability through algorithms which has increased violence. AI based algorithms perpetuates violence in society. It is because these algorithms are designed to propagate information based on the popularity. If people are buying some type of negative narrative, it will boost that narrative, leading to political polarization. For instance, Myanmar was opened to the world in 2010 and it allowed Facebook to operate in the country. After just 2 years, the escalations increased between Rohingya muslims community and Burmese community due to Facebook algorithms which spread misinformation and hatred towards the Rohingya community. Thus, AI escalates political instability which will be dangerous for the human race.

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AI promotes digital authoritarianism, converting states into mass surveillance centers.

AI has provided enormous powers to the dictators. The authoritarian governments utilize AI technology to increase surveillance on their people. For instance, **China is**

promoting digital authoritarianism against its people especially Uyghurs

Muslim community. The state government of China has created concentration camp

for Uyghur communities where their activities are recorded and even they face mass surveillance in their homes. According to

the human rights watch report, China is utilizing AI and has converted China into digital prisons where every act of individual are being watched on the name of national security. To sum up, AI is promoting digital authoritarianism.

AI develops lethal military technology which will wipe out the human race. AI application in the military domain is not only dangerous for the specific communities, but it posed dangerous to the whole world. For instance,

Israel is committing genocide against Palestinian.

Israel's far right nationalist

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government is utilizing AI based killer machines to wipe out Palestinian population from the Gaza strip. They have killed more than 20,000 people equivalent to the 2.5 percent population, according to the Amnesty International. To conclude, AI develops lethal military technology which will wipe out the human race.

However, if certain proactive measures are implemented, AI can be the savior of human race. In this regard, the first and foremost solution is to promote awareness among masses which will promote rational use of AI technology. To promote awareness regarding the efficient use of AI, seminars, workshops, and online campaigns should be started. As climate change was once neglected, but due to awareness among the masses, the climate change has become the priority of every government in the world. Similarly, AI awareness should be enhanced among masses. So, humans can be saved from the negative impacts of AI.

Moreover, techno-prudential governance should be introduced to regularize emerging technologies. Techno-prudential

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is the emerging term coined by **Ian Bremmer**.

This term talks about regulating AI so that its negative impacts on the globe can be controlled. It talks about global governance

of AI in which states regularize the flow of data so, the data can be used for the benefit of human race. In this regard, the world can learn from the

European Union (EU) Artificial Intelligence Act (AI) Act. The act

is a regulation that aims to create a common legal and regulatory framework for AI.

In short, techno-prudential governance is a need of hour to regularize AI.

Data privacy laws should be introduced that will control the flow of data to big tech-companies. Data is the new oil of the modern world. The one who controls the data will control the world. Therefore, states are regularizing the flow of data so that, their data cannot be used or sold to third party members. In this regard,

The EU General Data Protection Regulation (GDPR) is the strongest privacy and security

law in the world. To sum up, data privacy laws should be introduced to control the flow of data.

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In a nutshell, AI holds both the positive and negative prospects for the savior of human race. However, ~~the~~ its negative prospects can be overcome by implementing certain proactive measures. Its positive prospects include sustainable solutions in the environmental domain, technological advancements in the health sector, and novel solutions in the agricultural sector. Moreover, it promotes renewable energy, space research, and water conservation which are beneficial for the human race. On the other hand, its negative prospects include political instability, digital authoritarianism, lethal military technology, and unemployment which will wipe out the human race. Therefore, certain proactive measures are required to promote (awareness)* rational use of AI.

Although ~~at~~ many analysts believe that AI can be lethal rather than savior for humans, one cannot neglect the positive impacts that the technology is offering in the multiple sectors. So AI future is determined how people utilize this technology rather than tech companies or states. Therefore, awareness about AI technology is a need of hour.

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	Category	Total marks	Obtained marks
Content	Qualitative analysis	10	4
	Quantitative analysis	10	4
	Validity & Reliability	10	4
	Relevance	10	4
Language	Sentence structure	5	2
	Vocabulary	5	2
	Clarity	5	2
	Command of language	5	2
	Expression	5	2
Structure	Outline	5	2
	Introduction	5	2
	Body paragraphs	5	2
	Conclusion	5	2
Coherence	Cohesion	5	3
	Coherence	10	4
Total			41