

Topic : Artificial Intelligence: its promise and perils

Outline

- 1) Introduction: Artificial Intelligence can change the world in positive as well as negative manner. However, precautionary measures mitigate negative effects. *You can make the T.S can more comprehensive work on the why of the topic.*
- 2) Defining key variables and contextualizing the issue
- 3) Artificial Intelligence and Its Promises
 - 3.1) Revolutionizing household
 - 3.2) Improvement in electronic industry
 - 3.3) Efficient transportation and traffic system
 - 3.4) Bringing automation in education
 - 3.5) Instrumental in controlling crime
 - 3.6) Monitoring Climate Change
 - 3.7) Improved business functions
 - 3.8) Saving lives through improvement in medical field
 - 3.9) Another arena for states to seek progress
 - 3.10) Application in defence sector *very vague and broad.*
- 4) Perils of Artificial Intelligence
 - 4.1) Loss of jobs
 - 4.2) Invasion of privacy
 - 4.3) Increase in cyber crimes
 - 4.4) Digital compatibility over

emotional compatibility

4.5) Increasing use of AI chatbots in education

4.6) Increase in global consumerism and exploitation of people by AI.

4.7) Automated weapons guided by AI

4.8) Another area of war for the states

5) ~~Way Forward~~ ~~Heading for way forward~~ *Regulations of AI should be topic specific.*

5.1) Regulations of AI

5.2) Adopting best practices through international cooperation

5.3) Awareness campaigns

6) Conclusion

The outline is on the longer side. Always make sure you write an outline that you can complete.

Essay

The human instinct to progress has brought revolutionary changes in the world. He has always strived to discover and invent new things. This, very nature, helped him to invent computer in the last century. The invention of computer completely changed the objectives and course of human beings. It connected the world through its features of communication. However, the emergence of artificial intelligence, an extension of computer, has further brought revolutionary changes in all walks of human life. Artificial intelligence is based on an algorithm which makes human-like decisions. It promises to improve daily life, education system, agriculture field, business functions and medical field. However, it has perils for the humanity as well which vary from social life to public and private life. It can have detrimental effects on the world. However, negative effects can be mitigated through precautionary measures.

Definitely end on a variation of this statement.

Artificial intelligence is an extension of computer. It works on certain algorithms which help it in making decisions according to certain

conditions. It can be completely controlled by humans. Moreover, it works on the instructions saved by humans. However, AI can have negative as well as positive impact on the world. However, if its negative effects can be mitigated through certain measures.

wrong use of connector.

First and foremost, artificial intelligence can revolutionize the household appliances. AI based appliances installed in home can save effort and electricity. Moreover, it can perform activities when it deems necessary. For instance, there are many firms like Google and Amazon which have introduced AI based appliances. According to report of Google, these appliances not only save electricity but also human effort of people. Hence, it promises revolutionary change in the household appliances.

In addition to this, artificial intelligence can bring improvement in the electronic industry. AI possesses the capability to design and produce electricity efficient products. AI can not only help in producing electronic appliances but also they can be efficiently managed by AI. For instance, AI can automatically turn off light if there is no one in the room. Moreover, humans can control

example? AI?

appliances even when they are not at home. Thus, it can not only produce efficient electronic appliances but also help in saving electricity.

In addition to this, AI can also help in managing effective transportation and traffic system. AI has the capability to manage traffic system. It can reduce the road accidents by managing the traffic intelligently. Cameras can be installed in the road and aligned with the traffic signals. It can not only be efficient in controlling traffic of the country but also reduce accidents. Thus, it can manage effective transportation and traffic system.

example?
research?

Additionally, AI can be vital in bringing automation in education. It has already brought effective changes which have increased the access of education. However, AI can also increase the efficiency of education through the automation in the system. For instance, Universities and colleges can provide education through recorded lectures. It can be helpful for both students and teachers to get benefit. Thus, AI can be of extreme help in the education.

This is a supposition. Write an example that can validate your idea. Not just an assumed example which has no basis in reality.

Furthermore, AI can help governments around the world in controlling crime. It has developed certain ^{vogue} instruments which can spot the hideouts of criminals or terrorists. Consequently, government can target the areas of hideouts of criminals. For instance, GPS can be installed in the drones to monitor the ~~areas and~~ ^{that is not AI} eventually ~~targetting~~ ^{targeting} them. Hence, AI ^{Do not confuse AI and general modern technology.} can be useful in controlling crime in the society.

Moreover, AI can also be instrumental in monitoring the climate change. It can monitor the concentration of greenhouse gases in the environment. This has already been employed by the international organizations. AI collects data about the concentration of detrimental gases in the environment. On the basis of this data, government of different states formulate policies and contribute in ^{example?} ~~reducing~~ ^{reducing} the negative effects on climate. Hence, AI can be instrumental in controlling and monitoring the climate change.

Beside this, AI can also bring efficient changes in the business functions in order to increase the productivity.

The automation in the business functions help organizations to reduce ~~costs~~. Resultantly, the reduction in costs can help them to slash the ~~prices~~ of products. If ~~eventually~~ benefits people. Thus, AI promises the improvement in business functions.

All of the writing is general. There is no research and no examples based in reality. You need to incorporate research based logical analysis as per FPSC's demand.

Artificial intelligence can help to save lives through improvement in the medical field. Medical field has been revolutionized by the artificial intelligence in terms of developing knowledge and ~~data~~ about the cure of diseases. Moreover, the presence of doctors ~~on~~ technology platforms can help people in immediate conditions. They help people in emergency situations which leads to the saving lives in society. Hence, AI is of utmost ~~use~~ help in medical field.

Your topic is specific to AI not technology in general

There are so many relevant examples in this. You don't even need reference for these they are so well known.

Besides this, states can also ensure the progress of people. AI is yet another arena which can help government to seek progress. Government can automate the process of service delivery and reduce costs in the daily functions. Governments can employ AI

to develop intelligent system of collecting taxes. If results in the increase in revenue of the government. Thus, AI becomes another arena for states to seek progress. *example?*

Lastly, AI can be helpful in the defence sector. The application of AI to monitor the border and other areas in the country to defend the can help in rooting out the insurgency from the country. Moreover, states can also prevent any kind of cross-border terrorism by the terrorists. Hence, the application of AI in the defence sector can help states to defend the country. *example? reference?*

make the transition smoother.

The essay will highlight the perils of Artificial Intelligence. If will then propose few practical measure and it will be concluded in the end.

Do not just list what is going to come ahead simply in the transition in the next para.

Firstly, the employment of AI in all sectors can lead to the loss of lives. *How?* If is a peril which can

further increase the unemployment in the countries. For instance, the driverless cars will replace the jobs of drivers. If is just one example, it can create unemployment in all sectors of economy. Thus, this is the disastrous peril of AI.

Secondly, Artificial Intelligence can also create the problem of privacy of people. Private life can be compromised with the increasing use of AI. The manufacturing companies of AI products can monitor the products and invade the privacy of people. Google and Facebook have already been probed by the US governments in this context. Hence, this is another peril of AI.

Similarly, the increasing use of AI can increase the cyber crimes. Cyber crimes are conducted through the medium of computer. However, the employment of AI by criminals to conduct crimes can increase the cyber crimes. For instance, Iran continuously protestings about the cyber attacks conducted by Israel on its economic institution. If is also attacks.

redundant.

wrong conjunction

'However' is used to contradict an idea when continuing in the same vein use

conjunctions like 'Similarly', 'Moreover' and 'Further more'.

specify the are AI based

Reference the information.

tough to locate the cyber criminal.
If makes AI destructive for the society.

Moreover, AI has even invaded the private life of human. The development AI based dating applications and marriage applications has reduced the \checkmark emotional compatibility. People, today, prefers the digital capability over emotional capability. The invasion by AI in private sphere ^{example?} is matter of concern for the whole world. Hence, AI is yet another peril of artificial intelligence.

Besides this, the increasing use of AI chatbots in education is another peril of \checkmark AI. Students using AI chatbots to do their assignments and homework \checkmark is ^{SVA} a threat to the creativity of society. If can prevent the creativity from developing. \checkmark The reproduction of AI based material will ^{example?} decrease the intellectual capability of people. Thus, this is yet another peril of AI.

Furthermore, it will also increase the global consumerism \checkmark and exploitation of

people by firms. The choices of people will be controlled by the firms through the bombardment of advertisements. This means people will earn and spend on unnecessary things. People will be manipulated to buy certain products. Thus, this is yet another peril of AI.

no research

Besides this, AI can be used by the states to develop automated weapons. The weapons guided by AI can produce and create arms race in this arena as well. The weapons guided by AI cannot assess the situation the way human can. Governments can go to war with the small miscalculation of AI.

*weak argumentation
no example or
validation.*

Lastly, AI can also be another arena of war for the states. States around the world continuously seek to create weapons of mass destruction. The AI can be used by the states to crush opposing states and indulge in the AI based war. China and the USA are already fighting in

no example?

this arena. Hence, -this can be another arena of war for the states.

First and foremost, the governments around the world must regulate the use of AI in the country. States should continuously monitor the proliferation and use of AI in order to mitigate the perils of AI.

This is not a paragraph.
Also no research, weak reasoning.

Secondly, governments all around the world must cooperate in order to mitigate the impacts of AI. All states around the world should hold summit on the use of AI and formulate the policy of AI, the way states have done on climate front.

Lastly, states around the world should launch campaigns in order to save people from the AI based frauds and crimes. People should be taught the ethical ways of using the AI in order to collectively live better life in the society.

In a nutshell, artificial intelligence is an extension of computer system. It works on the certain algorithms and possess the capability to makes human like decisions.

Although, it is given instructions by human. However, it can have both positive as well as negative effects on the world.

It promises the betterment of humanity in all walks of life; It can save lives of people, monitor climate change and improve the education system of the world.

On the other hand, it has perils in the form of loss of jobs, invasion of privacy, increasing use of chatbots and increasing consumerism and exploitation of people. However, perils can be mitigated through certain measures. In summary,

it is true that it has perils; however, it can benefit humanity if it is used in the correct manner.

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- Add research and reasoning.
 - Add examples. Read up on AI.
 - Also write 15-17 body paragraphs. but flesh them out with the detailed content.

	Category	Total marks	Obtained marks
Content	Qualitative analysis	10	1
	Quantitative analysis	10	1
	Validity & Reliability	10	0
	Relevance	10	3
Language	Sentence structure	5	2
	Vocabulary	5	2
	Clarity	5	2
	Command of language	5	1
	Expression	5	1
Structure	Outline	5	2
	Introduction	5	2
	Body paragraphs	5	1
	Conclusion	5	2
Coherence	Cohesion	5	2
	Coherence	10	2
Total			24