

Artificial Intelligence: its promise and Perils

Outline

1. Introduction
2. Artificial Intelligence ^(AI) and its significance in modern era
3. Artificial intelligence promises the development and prosperity of mankind
 - a- Industries shift toward automation in industries
 - b- Enhanced learning process in education sector
 - c- Improved facilities of health sector
 - d- Capable to solve difficult problems
 - e- Facilitate mankind in space exploration
4. Artificial Intelligence and its implications
 - a- loss of jobs due to automation of routine-based industries
 - b- Increased surveillance leads to breach in Privacy
 - c- Propagation of fake and misleading information
 - d- Over-dependency on artificial intelligence

and loss of human control

- e- Construction of automatic destructive weapons
- d- Biased programming can enhance discrimination either gender or racial

f- ^{implications of} Wayforward: How to mitigate Artificial Intelligence ~~implications~~

- a- Formulation of guidelines for regulation of Artificial Intelligence technology
- b- Education and Training for its responsible ethical and moral usage
- c- Fair programming of AI without any bias

6- Conclusion

Artificial intelligence is the product of technological development in modern era. It initiate the process to copy the intelligence of man artificially. The working of human intelligence is simulated in the form of artificial intelligence. AI promise mankind's development

and prosperity in every field of life. Along with benefits it also bring about some disadvantages to mankind. Some persistent measures ~~are~~ ^{are} require to mitigate its negative impacts. According to **World Economic Forum (2022)**, Artificial intelligence would enhance unemployment by **2025**. It would unemploy **8.5 million** workers only in USA due to enhanced used of artificial ^{intelligence} based technology and automation. Artificial intelligence introduced prosperity in every field of life such as industries, education and health. It also facilitates in space exploration and completion of difficult tasks. However it also pose some disadvantage to mankind in the form of unemployment, privacy breach, propagation of fake news, loss of human control and formation of destructive weapons. Artificial intelligence has the power

to revolutionized every field of life but it also exhibit some negative impacts which require persistent measure to encounter.

Artificial intelligence is significant in the modern and globalized world. The nations who focused on the development and research of artificial intelligence are prosperous in the modern world. Japan is a country which leading others in the field of artificial intelligence and robotics. The first robot was developed in 1923 in Japan. Now Japan is a leading country and also prosperous due to major contribution of robotics in its exports. The significance of artificial intelligence cannot be denied due to its over-use in every sphere of life. None ^{of the} field ~~to~~ in the modern world is out of the influence of

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artificial intelligence. Each sector like education, health, ^{and} industry ^{is} using it for the prosperity in modern era of twenty first century.

In a nutshell, Artificial Intelligence has brought about enormous development in the fields of industry, education, health, space exploration and problem solving. Along with developments and advancements it also showcasing some implications on society. It leads to loss of jobs, privacy breach, spread of misleading information and construction of destructive weapons. Therefore, through some ^{Persistent} ~~destructive~~ measures such as guidelines formulations, education and fair programming the problem/implications can be mitigated. Although AI create problems but it also create ease in jobs and daily life. So, through proper planning and wise use AI would help man in the prosperity of the nations.