

ARTIFICIAL INTELLIGENCE WILL OVERTAKE HUMANS

I. Introduction:

Artificial intelligence has surpassed humans by replacing them in jobs, intelligence level and by negatively impacting natural algorithms.

II. Understanding the term "overtaking" in:

- (i). Cognitive abilities.
- (ii). Physical abilities.
- (iii). Emotional abilities.

III. Artificial intelligence is replacing humans in different domains:

(i). Artificial intelligence is overtaking humans in healthcare domains.

Evidence: Stanford AI Index (2023) on healthcare advancements represents AI surpassing humans.

(ii). Education sector domain
is taking place of humans in education sector.
Evidence: Artificial intelligence report in education by UNESCO shows AI facilitate innovative learning.

(iii). Artificial intelligence is outperforming humans in Research.

Evidence: According to WHO report (2021), AI processed COVID-19 ^{vaccine} data in weeks, which humans would take months.

III. Deep learning model of Artificial intelligence is outpacing human intelligence:

(i). Artificial intelligence is a death of creativity.

Evidence: Yuval Noah Harari said that "Machine that write will change the nature of human creativity."

(ii). Artificial intelligence has better decision making power than humans.

Evidence: Case study of Alpha Go vs Lee sedol, where artificial intelligence model out wins from professional player in game "Go".

IV. Potential Impacts of overtaking of (AI) Artificial intelligence :-

(i). Overtaking of Artificial intelligence can cause brain rot.

Evidence: Documentary Social Delimma, shows brain rot as an impact of algorithm of AI on human mind.

(ii). Surpassing of artificial intelligence can cause misinformation epidemic.

Evidence: Al-jazeera report on robotic of Joe Biden in 2024 US election raises concerns about misinformation.

(iii) misusing Artificial Intelligence in terrorist attacks.

Evidence: Israeli military use softwares for geolocating and cloud computing attacks in Gaza.

V. Humans with AI with replace humans without AI.

(i). Artificial Intelligence in Democratizing Innovation.

Evidence: "Democratizing innovation" book by Eric von on AI bringing change to bussiness modell.

(ii). Human-centered approach to AI.

Evidence: Human centered approach in education by bringing AI, a speer expertise of philospher and psychologist John Dewey.

VI. Conclusion.

Artificial intelligence will

Overtake humans :

In 21st century modern Artificial intelligence rules the world. According to Yuval Noah Harari, Algorithms now shapes public perception, control information flow, and influence societal behaviours.

Artificial intelligence (AI) has surpass humans in cognitive, physical and emotional abilities. It also facilitates by providing ease in repetitive task but, this ease is now making humans dependent upon Artificial intelligence.

(AI) Artificial intelligence, is replacing humans in job market. AI can better detect tumours, surgical procedures and virus in computer systems. AI is not only replacing in jobs but also overtaking human intelligence. This man made system is far better in

creativity, Decision-making and thinking.

Excessive use of artificial intelligence (AI) devices causes brain rot in humans

but AI is immune to it. It

is also responsible for conflicts

in humans as AI can be

used in fake news propagandas

and misused in political campaigns.

Artificial intelligence has the

capability to choose next

hegemony power as semi-conductor

industry is currently biggest trade

industry. Therefore, there is no doubt

in the fact that artificial

intelligence has surpass humans

by replacing humans in jobs,

intelligence level and by interfering

in natural algorithms.

Artificial intelligence (AI) is

strong enough to compete humans

In cognitive, physical and emotional abilities. This man made system has deep learning model. This model helps it in evolving and learning new skill of problem solving. Because, of this model, evolution which was human's speciality is now speciality of artificial intelligence either. Neural networks of (AI) Artificial intelligence mimics human brain function but with superior speed and accuracy.

As Chat GPT-4 scores better on SAT verbal test than most humans.

Artificial intelligence (AI) is replacing humans in different domains, especially health care domain. Its deep learning model can learn concepts of complex surgeries in days which human took years to learn. Additionally, it perform task with

accuracy and eliminate chances of human error. Detecting tumors, performing open heart surgeries, prescribing medicines, and diagnosing diseases, indeed, AI is surpassing humans in health care services according to Stanford AI index (2023) on healthcare advancements.

Beside healthcare services, education sector is also influenced by artificial intelligence. It helps by its innovative teaching style, student friendly environment and molding itself according to needs of students. Such flexibility is not shown by human teacher. This rises the concerns of replacing humans by artificial intelligence in education sector. As per Artificial intelligence in education, report by UNESCO, Agenda 2030 is to accelerate progress towards SDG4, which is

innovate teaching and learning practices by harnessing the potential of AI technologies.

Moreover, humans get bored during repetitive boring tasks but artificial intelligence is better at analysing long datas, and detecting viruses in the system. During audit or dealing with large number of data could aggravate chances of human error. On the other hand, AI algorithms is meant to perform huge task faster and accurate. In researches, excel usage, auditing, AI can perform wonders but it has pitfalls as humans are no longer required for these clerical jobs. AI model processed COVID-19 vaccine data in weeks, which humans would take months, As per WHO report on AI in pandemic response (2021)

Furthermore, AI deep learning methods are overtaking human intelligence, especially creativity is dying. Major differentiation between human beings^{intelligence} and man-made artificial intelligence is creativity. But, technology is evolving at a fast pace, with its advancement now AI is capable of performing creative task. It is able to make creative logos, audios, designs even photographs and videos. The creative work by AI tools takes less time and it is innovative, according to demands of producer. On the other hand, human take time, resources and mental work in order to produce a creative projects, which might not satisfy the needs of producer. As Yuval Noah said, "Machines that write will change the nature of human creativity."

Another, speciality of human intelligence is decision making power but

AI (Artificial intelligence) has surpassed over it either. In previous centuries, humans were considered highly evolved beings with highest decision making powers but AI has overtaken in this domain. Human brain has neural networks, that provide paths for neurons and they perform complex decision making. Self-learning model of artificial intelligence mimics the neural networks of humans and made similar or better decisions, accurately solve problems and easily identify patterns according to commands of prompts. Case study of Alpha Go vs Lee Sedol shows overtaking of human intelligence by artificial intelligence. In this case study Alpha Go, an AI model made by 19-20 engineers defeated Lee Sedol, a South Korean professional player in game "Go".

Overtaking of artificial intelligence over humans has various potentially negative impacts. Brain rot is one of these major impacts. It is a process of neural implant malfunction, manipulation and even hijacking of human thought process. Modern day algorithms of Instagram, Facebook, Snapchat and Tik Tok are its major practical examples.

Excessive use of AI based apps has influenced youth to a greater extent. AI SEO (search engine optimization) is evolved enough to make humans addicted to SEO based apps, according to a documentary social dilemma. This addiction leads to brain rot.

Another, negative impact of AI (Artificial Intelligence) overtaking human is misinformation epidemic. As AI has the power to create fake videos,

news, photographs. These can misguide people and can influence election campaigns. Researchers have warned people about fake AI generated robocalls in election campaigns. In 2024, during US election a political consultant was fined on hiring a magician to create fake robocall of Joe Biden, reported by Al-jazeera news.

(AI) Artificial intelligence is overtaking humans in terrorism. AI terrorism is worst form of terrorism that is currently being used in several countries. Thousands of people are wounded by explosion of pagers in Lebanon. Modern age has modern tools for killing, terrifying and bombing. In Israel, AI terrorism is used as a tool against innocent civilians. Israeli Military use softwares like Ikhre's Daddy, Gospel and Davender to

for geolocating and cloud computing to generate targets at a rapid rate.

It is clear that AI will overtake humans, but there is no doubt in the fact that human with AI will overtake human without AI. Although excessive dependency on AI can have immense negative effects but it can revolutionize the economic conditions of human race.

Freelancing, Youtube, SEO based marketing and designing restaurants, menus, fashion business using (AI) Artificial intelligence can revolutionize the world.

"Democratizing innovation" book and concept by Eric von Hippel emphasized (AI) Artificial intelligence can bring change to business model and public policy.

Furthermore, Artificial intelligence is part of human evolution. It should be

used in human centric approach.
Instead of replacing humans, it should be used in assisting humans. The purpose of technology was to assist, not to rule. Modern day psychologist warns about negative impacts of over usage of AI but at the same time its cultivation is also reinforced by many psychologist.

Human centric approach to AI by using VR and AR Platforms, google classrooms and other technologies will help students in better learning, as per expertise of philosopher and psychologist John Dewey.

It can be concluded that Artificial intelligence (AI) has surpass humans by replacing them in jobs, decision making and this interference has negative impacts on natural algorithms of human beings. The human speciality

of unique creativity, decision-making, thinking process is not there anymore. Man made artificial intelligence with there deep learning models can better perform these functions. Moreover, this overtaking is a potential threat for humans.

It aggravates human dependency on AI, causes brain rot and influence reality. AI is also a potential danger for giving a new way of war among states. Beside these negative impacts, humans can not leave AI as human with AI will also replace humans without AI. Closing doors of innovation will push humanity towards the edge of ignorance.

Hence instead of leaving innovation behind, safe usage of AI should be encouraged. Human centric approach to AI will open new doors of democratizing innovation. As Author, civil rights activist James Baldwin said; Not everything faced can be changed, but nothing will be changed until it is faced.