

Topic

Artificial Intelligence can be the savior of Human Race

Outline:

Thesis Statement: AI comes with significant challenges. However, its advancement can be beneficial to humans too. But, not as much as the negative influence caused by it.

2. An overview Paragraph about AI and its spontaneous growth.

3. Challenges posed by AI to Human Race

a. It can breach the privacy, and use personal information of people without their consent.

b. It can harm the cognitive abilities of students by doing their task for them.

c. It can create and spread fake news.

d. The making of AI adds to the carbon footprint.

e. AI is seen working on biased algorithms - enforcing gender discrimination.

4. Benefits of AI to Human Race

a. Helps locate criminals by facial recognition

b. Students can gather relevant data from AI chatbot.

c. AI like chatgpt make users aware of the mistakes in information

d. AI can help in finding ways to reduce the climate change effects

e. Algorithms are objective, working based on the data provided

5. The negative impacts of AI of Human Race

a. Helping criminals by giving easy access to cyberattacks

b. Students are not just gathering data but over-relying on AI.

c. Algorithms push the fake news to mainstream media causing unrest

d. making AI and then learning from it is undoing the climate related efforts.

e. It can grow itself based on previous data.

6. Conclusion.

Essay:

Recently, there was an advertisement trending on mainstream media. The advertisement was about an AI creation Siri or Google Assistant, installed in a home. It was supposed to unlock the doors to the house on vocal recognition. It was working good until one day there was a huge storm. The owner of the house kept saying the password to AI, so that it can let him into the house. But, since the voice got fumbled due to the sounds of storm, the AI did not respond to the command. As a result, the man ~~has~~ was locked outside his house without any shelter from storm. Similarly, the AI and its development comes with certain challenges. The challenges like it can attack your privacy, it is harming the

cognitive abilities of the students, it can create and spread fake news, and its development is adding to the carbon footprint. However, it comes with its benefits - which are: helping locate the criminals, gathering relevant data, increasing awareness and helping with strategies about climate change. But, on the other hand the miscreation outweighs the benefits. It helps criminals with cyberattacks, students are over-relying on AI, undoing the climate efforts and self-growth based on previous data. Hence, AI is reliable but not too reliable.

AI also known as Artificial Intelligence is growing spontaneously. It is the machine form of human cognition and intelligence. It is trying to attain the intelligence level of humans and maybe more than that.

It has been growing rapidly, faster than any other advancement humankind has made since inception. Some tech experts like Elon Musk, Steve Wozniak, Vancouver Gary Marcus signed a petition asking for a pause in the training of

AI, more powerful than Chat-GPT 4. The petition said "powerful AI systems should be developed only when we are confident that their effects will be positive and their risks will be manageable" (Aljazeera-podcast-AI and its challenges - 2023). The significance of challenges and risks posed by AI are being recognized by its developers. Hence, AI is to be handled properly for its best potential to be availed.

For starters, AI has the ability to breach the privacy of people without their consent. It is the violation of one of the laws in Universal Human Rights declaration. Article 12 of UNDHHR states that "everyone has the right to protection against interference in their privacy" (UN-UNDHHR).

But AI has been violating this law. It gets access to the people's personal information and pictures, making them vulnerable to misuse. According to a cybersecurity firm, in 2020, AI took the photos of 36000 people from Facebook and

gave them to cops for facial recognition.
(Capital One - Cyber security - 2021). Hence
AI poses a potential threat to people's
privacy.

Furthermore, AI is damaging
the cognitive abilities of students
by doing their tasks for them. AI
apps like Chatbot, ChatGPT, Jobbot etc
just need the command and the
task will be done within seconds.

According to a study - it was found
that 76% of parents in America are
concerned about their children's
academic future because of AI
taking over (Statista - AI and Education -
2022). This assistance from AI is
making students lazy and harming
their critical thinking skills.
Consequently, limiting their mental
abilities and rusting their brain.

Moreover, AI can create and
spread fake news. There may be
such news crafted by AI that
has no real grounds. It can
create confusion and make it
hard to find authentic news.

According to a survey conducted
by Oxford - 47% of people in America
and 51% in United Kingdom

find fake news created by AI as a genuine problem - which needs to be fixed (Oxford Internet Institute - Journal of Information Technology - 2021). This underscores the fact that AI is involved in spreading fake news among the public. This leads to swaying the public opinion regarding an issue. Altogether, AI cannot be fully trusted with news because of false information.

Similarly, the development of AI costs humans their climate. The formation and improvements of AI add to the carbon footprints.

This further leads to ~~increa~~ increasing temperature and catalysing the climate change. It was found that the development of one AI robot releases carbon equivalent to 25 airplanes (UNEP - AI causing or reducing climate change - 2023). Increased carbon emissions are like ~~an~~ adding fuel to the fire which is already making the earth hot. Thus, AI is enhancing the danger rather than protecting from it.

likewise, AI has biased algorithms. Algorithms influence the decision making ability of AI. Biased algorithms can make decisions based on a preference and not fairly. It was found that Amazon was using AI to screen job applications - 80% of female job applications were rejected by AI (BBC - AI exacerbating gender discrimination - 2022). While the world is struggling to eliminate gender bias - AI is enhancing it. This is a controversial issue, leading to gender stereotypes. Resultantly the algorithms upon which the AI works are biased and they escalate the gender based differences.

However, the flip side of coin shows the benefits of AI. How AI is turning out to be helpful to humans. AI is helping in the reduction of crime by accurate facial recognition of the criminals. Once a photo is put into the AI system, it is never lost. This helps law enforcing agencies to ~~get~~ recognize the criminal quickly.

7. and incarcerate them. Recently, the Sindh Police introduced this feature in their investigations to eradicate the street crime in Karachi.

(Sindh Defence Department-2023). This will help bring the peace and calm back. By assistance through AI, their personal info and location can be found. Thus, crime led cities can finally have a breathing space by quick addressal of crime with help of AI.

Also, AI is further advancing the ease of access to knowledge. Students and researchers can access relevant data through AI by just writing the topic. AI needs the command only - what is needed and how much is needed, the rest it is going to do.

This is also time saving and efficient for students, since the academic competitions are increasing. According to a study, it was found that 76% of students are happy to have AI because it saves their time by turning research papers into audiobooks (Oxford University - How is AI helping

in studies - 2023). It is indeed helpful for Masters and PhD students who have much to study and less time to cover it. Audio books can be heard while performing other tasks too. Hence, AI is making it easy to reach knowledge. Likewise, the AI applications and softwares make the users aware of any mistake in the information being provided to them. It also makes a due warning if the data it provides is not up to date. When a user logs into Chat-GPT they come across the words "Chat GPT can make mistakes, consider checking important information" (Chat.openai.com). This highlights the fact that AI owns the fact that there may be mistakes in the information and cross checking is better. Hence, AI protects the users from getting mislead by misinformation.

Similarly, AI can help provide solutions and effective strategies to deal with climate change. It can predict the cost and time-needed for new projects. Along with that

it can also tell the improvements needed within the existing projects. As it is revealed that AI has made it easy to have discourse about AI by predicting major climate changes and strategies along with costs needed to deal with those climate affects (UNEP-AI and Climate Change -2023). The use of AI can prove beneficial to act prior to the climate variations. It can also help with food security and other threats. Thus, AI can be a savior of humans.

Additionally, the algorithms upon which AI works are build by the data provided. Algorithms are a machine, devoid of any biases or emotions. They work on patterns being provided to them and can be improved however ~~was~~ needed.

Recent research shows that E-commerce is benefitting from AI because the Algorithms show the product to relevant and targeted audience (Federal Trade Commission-Online Business through AI 2023). The algorithms can be

used in favor of societal values and promote peace and harmony. Resultantly, the algorithms are objective working on provided data.

On the contrary, AI has the ability to provide easy access to cyber ^{attacks} to people with nefarious purposes. AI can launch ~~an~~ a cyber attack remotely. So, if any malicious person gets his hands on AI, they can cause chaos at a large ~~ter~~ scale. According to a report there has been a notable surge in use of AI by cyber criminals with a 56% increase in AI-related cyber attacks (Syntac, Internet Security Report-2023). It is an alarming statistical example. It underscores the risk associated with AI. Thus, AI can be used by criminals for notorious reasons.

Moreover, students from various ~~fee~~ fields are relying overly on AI apps. This is not only harming their cognitive abilities ~~at~~ but also making them leave the moral grounds. It has been found that

in America 47% of the students' teachers were not aware that their students use ChatGPT to perform homework and 20% were not allowed to use help but they still did so. (Statista-Learning and AI-2022).

This highlights the fact that AI should have restrictions in providing help. Limiting the kids to AI, doesn't seem like a good idea. Hence, there is overdependence on AI regarding academic help.

Likewise, there has always been a belief to "fake it, till you make it". Similarly, the algorithms in AI spread fake news and push it to mainstream media. Hyper-realistic images and videos are created, leaving no space for doubt. A report found that some AI-driven Twitter (X) accounts spread such fake news that it changed the election discourse (Deepfakes and Manipulations by AI-Aljazeera.com, 2021). AI has the

capability to cause paradigm shift, create a propaganda and lead to public unrest. Consequently, there is a risk of mass manipulation by AI.

As it is seen that developing AI adds to carbon footprint. So, after making AI and increasing carbon emissions, there is no point in learning strategies from AI. AI will be providing ideal solutions not based on realtime data. The first and foremost step in tackling climate change is reducing carbon emissions. Since "Prevention is Better than Cure"; we should focus on preventing climate change rather than "how to deal with the after effects?". Hence, AI's help regarding climate change is futile.

Furthermore, AI can grow itself by using previous data. This means that it can recognize patterns and make decisions based on past choices. It can advance itself through self-analysis. As an expert in field of Artificial Intelligence states that "Artificial Intelligence, akin to

an intellectual gardener, cultivates its own growth by sowing the seeds of knowledge embedded in previous data..." (Dr Cynthia Marlow - Dangers of AI-2023). This proves that AI is not just another tool but a machine capable of making changes to itself. Hence, AI can grow and propagate itself on its own.

To sum it all up, AI ~~is~~ is the dawn of a new era. It comes with crucial risks for mankind and it can be a savior too. The challenges and risks posed by AI include privacy violations, damaging mental strength of people, spreading and crafting fake news, increasing carbon emissions and enhancing gender stereotypes. However, it can help prevent crime, provide vast oasis of knowledge, is user friendly, provides solutions to climate change, and its algorithms can be improved. In contrast, AI can be used by malicious

non-state actors, causes over
dependency on technology,
leads to public unrest and
paradigm shift. Also, it can
grow on its own. To sum it
all up in a few words, it
can be said that "If AI is not
saved from malicious actors
then humans would need saving?"