IMPACT OF ARTIFICIAL INTELLIGENCE ON SOCIETY AND ON INDIVIDUALS

Dinesh .B.Kolte

Assistant professorM.P Law College Aurangabad

Abstract

Artificial Intelligence (AI) as a means is transforming the nature of almost everything which is connected to human beings and human rights provided under UDHR e.g. employment, economy, communication, warfare, privacy, security, ethics, healthcare etc. However, we are yet to see its expansion in long-term, whether it is leading mankind towards making this earth a better place to live or a place which is full of fiasco. Every technology has its advantages and disadvantages but advantages always overcome disadvantages for the technology to survive in the market. Nonetheless, for Artificial Intelligence we are not yet sure whether in the long-term positive effects will always keep overcoming the negative effects and if that is not the case then there is serious threat to basic human rights which are essential for survival of mankind. On one side we excitedly accept the change brought by the technology may it be smart phones, cars and drones, online ad network e.t.c. on the other end we keep protesting against the government about unemployment, privacy e.t.c the cause for which is this technological advancement.

"Everything we love about civilization is a product of intelligence, so amplifying our human intelligence with artificial intelligence has the potential of helping civilization flourish like never before – as long as we manage to keep the technology beneficial."

Max Tegmark, President of the Future of Life Institute

Introduction

Artificial intelligence

Managing something or doing any work requires planning and for the implantation of the plan we require human efforts. Human efforts play an important role in the functioning of a plan. Human beings have been devel-

oping since ages and the style of working as well. With development of human advancement they have developed A.I. Artificial intelligence has been developed by the efforts of humans for the betterment of day to day life. We are very privileged generation to live in this era full of technological advancement. Gone are those days when everything had to be done manually and process was a slow one. we are very blessed to live in a developed A.I generation where machines are developing intelligence like humans where smart phones are smarter than humans and calculating big numbers is just on fingertips. We get most accurate results very quickly through A.I. it has become a part and parcel of day to day life and hence it can be said that our life is incomplete without the use of A.I.

Impact of Artificial intelligence on Human rights
Role of AI in Healthcare
Everybody in this world wants to live a healthy life. Everyone wants to live in place where their healthcare should be the basic objective which should be fulfilled whenever required. Article No 25 in the UDHR states that everyone has the right to standard of living adequate for the health and well being of himself and his family.

In this A.I generation where the number of people are been diagnosed with different kind of diseases and the identification of those disease is a tough one .one could have simply

done that without the help of Artificial intelligence. There are numerous things which are been detected with help of Artificial intelligence. Some of the areas in medical field where artificial intelligence is used is given below

Virtual Health Assistant
Virtual Health Assistants (VHA) can help patients in a number of ways. For one, VHA's can help unbalanced patients stay on well with time to time aid. Moreover, virtual health assistants may give guidance on treatments for common medical conditions or provide recipes for patients with specific diet restrictions. It helps the doctors to communicate with the pharmacist to remind patients of regular use of medicine and even prevent more health issues.

Diagnosis
AI has been utilized in developing medical diagnosis. For example, AI have encouraged X-ray for better treatment of the disease. They have also imporved CT scans for advancement of medical aid. The technology, which is used in hospitals in China, can detect suspicious lesions and nodules in lung cancer patients. This allows doctors to provide patients with an early diagnosis as opposed to sending samples to a lab for analysis, thereby providing treatments earlier than usual.

Researchers at Stanford University have created an AI algorithm that can identify and diagnose

skin cancer. This technology, using images of moles, rashes, and lesions, may someday be available as a mobile app on smart phones.

Healthcare BOTs

Bots for healthcare exist for patient engagement. Healthcare bots, which are found in mobile messaging, can help patients quickly send and receive messages. Health chatbots can answer health-related questions and even help patients manage medications by providing information on types of medications and recommended aids. Other artificial intelligence solutions being developed in the healthcare field include:

- Heart sound analysis
- Companion robots for the elderly
- Mining medical records
- Design treatment plans
- Assist in repetitive jobs
- Provide consultations
- Drug creation
- Using avatars for clinical training

Solving Crimes
Real-Life Applications

AI is starting to be used for crime prevention in new ways around the world. Article no 3 states that everyone has the right to life and security of a person is his right. A.I around the world is helping security to be strong through various ways and help them to safeguard human life and property. Starting form CCTV cams to detecting bombs A.I has helped to solve or

protect the life and property of people around the globe.

Bomb Detection and Deactivation

A.I has developed machines to defuse bomb or identify bomb planted. The machines are used in detecting bombs which helps military to recognize danger zone areas where bombs are planted A.I is also working on making Robots for detecting or defusing bombs .in the near future we can see robots deployed on these type of works. This will also help in saving human life which is on verge of death because of bomb plantation.

Vigilance, deterrence and Control

A.I has mechanized drones which are used to control crowds by making announcements or capturing the site from a view. Drones are fitted with cameras and microphones. Drones, it is believed, will soon be able to identify people with criminal records with facial recognition software and predict crimes with machine learning software.

Socialist care

Social media nowadays is new platform for executing different crimes such as selling and buying of drug , illegal prostitution and teens idealization for terrorist activities. Law enforcement agencies have succeeded in tracking such crimes with the help of AI. A.I can track down the criminal through various methods like tracing I.P address or other software which can locate them.

Role of A.I in Managing Natural

Disasters

A.I has been developed to the extent where it is capable of recognizing natural disaster before its occurrence and helps to avoid a natural calamity. From initial detection of earthquakes to flood control, AI is being indulged into every aspect of disaster management. Using artificial intelligence to gain a better understanding of natural disasters is not an entirely new practice, however, in the past several years; its effectiveness has become much more widespread and advanced. When it comes to natural disasters, no matter what form they take, preparation and prevention are by far our best methods of protection. Thankfully, large AI-powered corporations have truly begun to harness the smart technologies available in order to reduce the impact of natural disasters. This in turn is proving a boon to ensure right to life a basic human right.

High-Resolution Mapping

Mapping technology developed by Jeff Allenby which helps to prepare for future flood. Once the first map was created, Microsoft's AI technologies got involved to extend the mapping capabilities from just 100,000 square miles to the entire United States and soon the entire globe. The team uses Microsoft's "AI for earth" algorithms to identify objects on its own, catalog, and map them out. This combined with sensor technologies included in the AI, con-servationists are able to gain deeper insight into the overall health of the planet, detect changes, and send alerts when there is potential for disaster.

Analysis of Satellite Images

AI technology helps to predict the risk of landslides and help their country to better prepare for such disasters. The satellites which take photos of the earth will send images through the AI data centers which will then monitor the photos for changes in order to predict when and where a disaster may occur. By monitoring roads, bridges, and buildings, the AI will be able to prevent even those types of disasters from occurring.

Roles of Artificial Intelligence in Education

Article 26 under UDHR states everyone has the right to education. Education shall be free, at least in the elementary and fundamental stages. Elementary education shall be compulsory. Technical and professional education shall be made generally available and higher education shall be equally accessible to all on the basis of merit. A.I provides a better learning and understanding method to the students. Nowadays govt. schools are also adopting projector methods or giving digital lectures. The students are also into it as they love to see new things and explore the world.

The field where A.I is helping students is described below.

1. Educational software can be

adapted to student needs.

From small class to graduate school, one of the key ways artificial intelligence will impact education is through new digital ways. Some of this is already happening through growing numbers of adaptive learning programs, games, and software. These systems respond to the needs of the student, giving them an environment where they can imagine they are seeing or touching the things in 3d mode learning. Making them learn lesson in their own way with joy and pleasure . It can find out error which could be resolved.

Teachers may not always be aware of gaps in their lectures and educational materials that can leave students confused about certain concepts. Artificial intelligence offers a way to solve that problem. The system where students are learning the concept it can ask questions to the student and can react to wrong answer immediately. A.I can be used as a method to concentrate on one individual at a time. This can help student to fill the gaps which has been occurred in explanation and help to ensure that student build conceptual foundation.

A.I programs can help students with educator's feedback. AI can help teachers to craft courses that are customized to their needs, but it can also provide feedback to teachers about the success of the course as a whole. Some schools, especially those with online offerings, are using AI systems to monitor student progress and to alert professors when there might be an issue with student performance. These kinds of AI systems allow students to get the support they need and from teachers to find areas where they can help students who may struggle with the subject matter

Negative Impact of Artificial intelligence on Human rights

Unemployment

Transportation is already in a transformation mode fully automatic cars will be soon a realityand they will be faster safer, more efficient and more effective. Professional drivers like taxi, trucks and more will see the demand for their skill set dropping rapidly.

Electronic commerce will also undergo important transformation with the invent of online buying and selling, the markets where people go and buy physically are shutting down and are being replaced by online markets. People buy the same things at cheaper price but the human resource which was used earlier is at hold now; there by infringing right to work.

Cyber crimes
1. Phishing Scams

Phishing scams are attempts by scammers to trick you into giving out your personal information such as bank account numbers, passwords and credit card numbers. These scammers will contact you out of the blue, via email, text message, and phone call or

even through social media, pretending to be a legitimate business such as your bank, Telephone Company or even internet provider.

2. Online Scams

Online scams are basically scams that happen online. It is a scam which popping up and telling you won a amount and ask you enter card details to avail the prize or gift. But you never receive anything but we receive message from bank that a certain amount is been deducted.

3. Malware

It's a piece of software written with the intent of causing harm to data and devices. Malware is the overarching name for different types of viruses such as a 'trojan' and 'spyware'. Malware is often done through a range of viruses that will get into your computer to cause havoc, by damaging your computer, tablet, phone; so the culprits can steal credit card details and other personal information.

4. Email Bombing

An email bomb is more a form of internet abuse. Email bombing is an overload of emails directed to one email address; this will cause the person receiving the emails server to become sluggish or even crash. They may not necessarily be stealing anything from you but having a sluggish server can be a real pain and hard work to fix.

Conclusion and Suggestions

As we know that newest technologies have opened up the door for successful handling of much higher level of electronic evidence than has ever been possible before. With the use of these tools authorities of laws can utilize the opportunities created by these technologies which will cope up or support to the officials of law in various legal departments for finding out the solutions for any problem within their limitations of cost, efficiency and effectiveness. Through artificial intelligence we can justify the social aspects. Pros and cons are two sides of the same coin thus artificial intelligence has positive as well as negative impact on Human rights.

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