

# IMPACT OF ARTIFICIAL INTELLIGENCE ON SOCIETY INDIVIDUALLY AND COLLECTIVE IS 'AI' FLAWLESS IF NOT WHO IS ACCOUNTABLE FOR ITS FLAWS ?

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## **ABSTRACT**

Today man is in the most civilized stage, the evidence and history show that a time was there when the man could not be differentiated from animal. Thousand years back the man was living in forests and jungle the need of AI was never felt or known to him at that stage. The man felt the need of companionship that led to create the feelings which gave rise to the necessities of life. Man felt the need of food, clothing shelter, but it cannot be argued that the earlier man was not wearing clothes or not having food, the only difference was he switched more to the natural things. "The Necessity is the mother of Discovery" these believe became the truth when the wheel was discovered

by seeing the wooden loft sliding from the hill and the idea of wheel popped up to the man. From this stage started the journey towards the industrialization, which in turn gave a new horizon of AI, which has no limit and destination. In today's developing country like India, the application of AI plays a vital role. '**Artificial Intelligence**' can be defined as the intelligence exhibited by different machines, gadgets, software and the most important is Robotics etc. which are designed by the Human to perform his task in the day to day life, to make the life stress less, competent, accurate, speedy and easy the man came across many needs. But can it be contented that AI being so competent and created by man himself is

flawless is believed that but the Computers are everywhere today. The Robotics are the circuitry man developed to perform different tasks related to very basic of life that is robotic cars, robotic surgery, industrialization where the robots do not exactly look like man as are programmed to particular job. With the help of these paper I would discuss Can it be true to content that the AI does not have any grey side or is there any more scope to eliminate the drawbacks and make it more competent and efficient?

#### **INTRODUCTION-**

Artificial Intelligence (AI) is transforming the nature of almost everything which is connected to human life e.g. employment, economy, communication, warfare, privacy, security, ethics, healthcare etc. However, we are yet to see its evolution in long-term, whether it's leading humanity towards making this planet a better place to live or a place which is full of disaster. Every technology has its advantages and disadvantages but advantages always outweigh disadvantages for the technology to survive in the market. As AI development is speeding up, more robots or autonomous systems are being born and replacing the human labor. Today the AI has impacted the life by all means that is right from the beginning of the start of morning to night each equipment or gadget we use is outcome of AI. The stage has come where an individual could not imag-

ine his life without his life support system that is AI. But imagine a situation where our mobile phone get crash and you are waiting for a official conference call from a very important client, a individual becomes panic and helpless. The AI is creating its impact in all angles of human life that is from economics, politics; law, technical, medical, etc. It cannot be denied that our whole life is totally subjected to AI. If we see in a long term a very important question pops our mind every now and then that if the quest of more and more advanced strong AI succeeds and an AI system becomes better and productive triggering an intelligence explosion, on otherside the human resources would loose its importance and opportunities, leaving human intellect far behind. Coming onto the revolution achieved by the AI it cannot be ignored that eradicating war, disease, and poverty are becoming the landmark achievements in human history. Now at this stage man had a scientific approach and thought process which yield many small discoveries one after the other in all aspect of life including medical, war, corporate, etc. and above all the implementation of robotics is highly appreciable. The AI is seen today in all spheres and is getting in the wide sphere that is medical diagnosis, electronic trading, industries, including finance, healthcare, education, transportation, remote senses and robotic control. It is quite interesting to note that the future of

AI in the academics that is in classroom is growing bright and speedy, AI tutor is very interesting concept for each individual student is appointed. As it becomes quite difficult concentrate on individual student, the concept of digital study as remarkable outcome. The students need not have to attend the classroom to gain the knowledge which is uprooting the relation of student and teacher. The student is of the view that more information can be obtained at the finger tips as a single teacher can't work with every student at once, AI tutors would allow for students to get extra, one-on-one help in areas of needed growth. In the developing country like India the concept of AI classroom is more promoted as it eliminate the hardship to find the competent and efficient tutor. In future classrooms, ambient informatics can play a beneficial role. When students sit at their desk, their devices will be able to create lessons, problems, and the software would adopted according to special needs of specific student's needs, particularly where a student may be struggling. This eliminates the idea of a "one-size-fits-all classroom" as we will no longer have to force students to learn the exact same material at the exact same pace. Considering the fact that there are more of benefits of AI classroom which in turn is diminishing the opportunities to teaching class is giving rise to more of unemployment. Further the master mind which have created the AI needs put on

more efforts to upgrade the system as the quest of best and efficient is like a horizon which can be felt but not achieved.

The AI plays a vital role in security of the country, that is the military robot is used for bomb disposal, rescue missions, and attack operations.. The military robot uses the GPS to solve its certain problems which would not at a time directed by human. Military robots are pre-programmed to follow a certain route and it can warn soldier if it senses any type of movement as well as other programmed conditions. These robots act in according with the instruction given by the operator, not only the robotics are used for the welfare of the society but are also equipped and systemized in such a way that it can be laden with the suicide bombs which are dangerous to whole mankind. Military robots are also equipped with a camera to provide soldiers with view of the battlefield and dangerous obstacles. These robots also have a fundamental role in mining industry to explode the mines and to disarm the mines. There was a very good scenario presented in the science-fiction movie in which a robot saves a police detective from a car crash while leaving a girl to die as according to machine intelligence her survival was statistically less likely than that of the police detective, in such a situation who stands accountable the AI or the master mind behind it, is this disasters be neglected on the

account that it is being caused by the machine. The constitutionality of the human rights stand defeated at the advent of the AI. The AI have also created a revolution in the Air Operations Division which is highly system based. The Air aviation sector which manages the air craft flying thousand miles above is wholly based on the instructions of the system. The head of the aircrafts are continuously guided and instructed for any emergency which is being forecasted. But the forecaster which forms the part of AI system, cannot be denied from the possibility that sometimes AI would fail in its result which would be very disastrous. The question is who stands accountable for the failure system of AI the AOD adopts the concept of surrogate operators for training mission for any emergencies and the symbolic data and summaries for combating the causalities. Coming to the next is the influential impact of AI in the medical field which includes maintaining the medical records which is very helpful in storing and analyzing the past medical history of the patient, analyzing test, X-Ray, CT scan, the Robotic surgery is implied to perform the most complicated and critical surgeries, which are to be done in the most innermost part of the body where the human hands would not be reached, but the possibility would not be denied that the condition of a patient may sometime need a human check and concern and to avoid the emergency.

India being a developing country it has to stand and maintain the commercial relations globally which in turn requires a systemized technology which is globally accepted and recognized. Here the need of the AI is created has created a revolution in the Corporate, financial, entertainment sectors too. Speaking the banking and finance sector is currently at the forefront of investment in Artificial Intelligence. Artificial Intelligence is making important advances in the transport sector. These include self-driving cars, signal system and radars to detect obstacles and pedestrians, intelligent search for free parking spaces and route optimization. AI is also playing a vital role in the human resources and recruitment by screening resumes and ranking the candidates according to their level of qualification.

These developments have a direct impact on logistics. For example, self-driving cars can be used 24 hours a day without tiring and without depending the efficiency of the driver's working capacity hours. Together with the other solutions mentioned above, the logistics sector can save time, kilometers and fuel. This translates to lower costs and higher profitability.

AI has been used to develop and advance numerous fields and more programmed to do something devastating Autonomous weapons are artificial intelligence systems that are programmed to kill. In the hands of

the wrong person, these weapons could easily cause mass casualties. Moreover, an AI arms race could inadvertently lead to an AI war that also results in mass casualties. To avoid being thwarted by the enemy, these weapons would be designed to be extremely difficult to simply “turn off,” so humans could plausibly lose control of such a situation. This risk is one that’s present even with narrow AI, but grows as levels of AI intelligence and autonomy increase.

#### **Conclusion –**

Considering the days requirement it would not be denied that the AI would be eliminated from the society as it is the need of the time. But where it is really difficult to foresee the future of humanity in the context of Artificial Intelligence. We always embrace new technologies which seemed to be changing our way of living. However, the important fact here is that the kind of change we are embracing must bring a positive outcome for the welfare of society and eventually of humanity. Artificial intelligence is the kind of change which we certainly should not take for granted. It is different than any other technology which humanity has ever developed and the fact which makes it unique is its ability to act autonomously. It is the change which not only starts exhibiting soon its positive impact on society but severely negative impacts, too. So, if we are embracing it as a change which is

expected to change the way we live, then we should be happily ready to face the consequences whether it is related to employment, privacy, or eventually the very existence of humanity. However, whatever the case will eventually be, we certainly need a legal policy framework which can make sure to mitigate the challenges associated with AI and compensate the affected parties in case of a fatal error. Hence, I conclude that if we keep ignoring social bugs of AI, it could be a serious threat to humanity.

#### **Suggestion-**

AI needs to be implemented in the day to day life forecasting the emergencies, which would help to protect the human rights and in turn protect the globe.

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