

Artificial Intelligence : A Double-Edged Sword Shaping Humanity's Present Crisis

plz try to improvize the skills of paragraph writings

Outline

how AI is proving itself as a blessing for humanity

1. Introduction

2. Artificial Intelligence : A Double-Edged Sword

3. How Artificial Intelligence Shaping Humanity's Crisis in Present Time?

ur 3rd point is about negative uses of AI but your are using positives

3.1 Artificial Intelligence and its revolutionary contributions in medical sciences.

Case in point : University of Nottingham Report

3.2 The role of Artificial Intelligence in boosting up the global economy.

Case in point : European Parliament Report

3.3 Artificial Intelligence and its mindboggling contributions in agriculture sector.
Case in point: Case study of India.

3.4 Promising aspect of Artificial Intelligence in providing sustainable and climate resilient environment.

3.5 Artificial Intelligence playing its part in democracy and building the public trust
Case in point: Case study of Finland

3.6 Fraudulent practices and their offshoots ~ controlling them through Artificial Intelligence

3.7 Artificial Intelligence's marvelous innovations in Transportation industry

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4. Artificial Intelligence and its

Perilous Ramifications: Another

side of The Coin.

nations and societies

4.1 - Countries and their ever growing use of Artificial Intelligence in developing drones and missiles: harmful factors

4.2 Artificial Intelligence is breaching privacy and its exploitative use of information.

Case in point: US Elections in 2016 and Brexit controversy.

4.3 Navigating propaganda and cyber threats of Artificial Intelligence.

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4.5 Artificial Intelligence and Technology-facilitated Gender-Based-violence.

5. Conclusion.

Stephen Hawking, while saying, "Intelligence is an ability to adapt to change" might have artificial intelligence in his mind with its pervasive infusion in every field of human life. From diagnosing diseases to driving cars; from predicting weather to powering assistance; from accelerating economies to threatening job markets; from solving complex problems to raising complex questions, artificial intelligence has transformed the world - but at what cost? That is a mystery. It is usually said with perks come the perils and this saying is total reflection of artificial intelligence. It also poses a question that what exactly the nature of artificial intelligence is? It is a field, not scientific field of machines to store data and respond to robots according to the stored data. Artificial intelligence has guided human beings to the new horizons of life. Its contributions in almost every field; education, medical sciences, transportation industry, construction industry and bringing cultural norms closer to connect the world. Transparency in democracy and engulfing people's trust for the enhancement of democracy, artificial intelligence has played a vital

role itself. Building climate resilient environment and its offshoots in sustainability are promising acts of artificial intelligence. Nevertheless, there is no doubt about the fact that it poses some serious threats which could be harmful and have stupendous impact on human lives. Moreover, from enhancing the missiles and drones technology to exploitative use of information, artificial intelligence contributes negatively. All in all, artificial intelligence is considered to be the life savour and a mystery, both at the same time.

Perhaps, artificial intelligence is considered a double edged sword, since it has both - positive and negative - connotations associated with it. It has significantly contributed in present time to save people from many humanitarian crisis. Moreover, its exponential rise in technology is adding another feather in its cap. For instance, innovations in research industry and filling gaps to bring revolutionary outcomes is making it helping hand for human beings. Here, rises a question but at what cost, since it poses negative implications as well. Ergo, artificial intelligence can be boon and bane at the same time.

plz avoid writing such confusing statements

To begin with, ~~artificial~~ ^{AI} intelligence has revolutionized the medical sciences as it constantly saves the patients. Artificial intelligence analyzing the medical data and predicting whether a patient is susceptible to heart attack or stroke is an amazing and life saver contribution. For example, ~~artificial~~ ^{AI} can analyze ECG reports and it ~~is~~ ^{is} ~~regards~~ ⁱⁿ ~~way~~ ^{much} better than ~~cardiologist~~ ^{an} expert can do. According to the University of Nottingham report, an A-I build machine can predict 76% accurate data of heart attack than a ~~doctor~~ ^{doctor} can diagnose. On the whole, ~~artificial~~ ^{AI} intelligence ~~literally~~ ^{literally} shocked in medical field through its vast contributions.

Additionally, ~~artificial~~ ^{AI} intelligence has saved humans from crisis by boosting up the economy. Financial crisis are the most vulnerable human beings can come across. For instance, US great depression in 1930's and global economic declivity in 2008, left people nowhere. According to the European Parliament, published in the ~~Nature of~~ ^{Journal} report, ~~artificial~~ ^{AI} intelligence will double the annual growth rate by the year 2035. Hence, it is evident from the fact that

artificial intelligence is saving people from financial crisis.

Similarly, in the ~~agriculture~~ sector, artificial intelligence has been contributing immensely. Agriculture sector is one of the prominent contributors in the economy for any country. With the help of satellite imagery and weather forecast, artificial intelligence has been able to give rise in agriculture sector. With AI tools, soil analysis and nutrient deficiency are carried out. India's tech company has developed an AI tool - CoopIn, which could save irrigated water upto 30% and that water can further be used for many other purposes. So, such a vast AI-technology proved to be in agriculture sector.

In the similar fashion, artificial intelligence is proving to be a defining factor in providing sustainable and climate resilient environment to the people. Green revolution and sustainable cities project have proven to be life saving for humans. For instance, with the help of Global positioning system (GPS) and satellite and aerial imagery, if can be noted down the % of deforestation occurred in certain areas.

and can take preventive measures to stop it. With the assistance of artificial intelligence, natural disaster could be predicted to help people evacuate and remain alert in case of any. Therefore, it is evident that artificial intelligence has contributed in sustainable environment to save lives.

Furthermore, digital democracy and use of artificial intelligence in building up the trust of masses are such exemplary combinations. Likewise, E-Governance with help of AI in many developed countries has helped governments to run their businesses smoothly and people's trust is fostering in their leadership. In the recent time, Finland government introduced AI-build budget showcasing machine, where people can see governments expenditures are being conducted in real time. This may lead to build trust amongst masses and government.

Along with that, in this era where fraudulent practices have become very frequent and losses of daily basis, artificial intelligence also played its part to control it. It can impact people very badly psychologically and AI is out there to help them get through

them. In banks and other business
forgery and frauds have become very
frequent. AI tool named as Fraudgent
is introduced to save people from
this harmful practice. Another humanitarian
crisis with the help of AI is being
controlled.

plz specify which
fraudulent practice

In addition to it, artificial
intelligence has played an eminent
role in transportation industry. With
the inventions of driverless car and
autonomous vehicles, CO₂ emission
could reduce upto 50% by 2050.
Since it is well known carbon emission
depletes ozone layer and it is
harmful for living things on earth. Also,
the major problem people face, when
it comes to transportation is traffic
congestion. Artificial intelligence with
the help of cameras and signal
designing, has proven to be fruitful
in providing 1 minute details to the
driver to avoid congestion. Ergo,
an enormous role of artificial intelligence
in transportation industry.

Lastly, artificial intelligence's
contribution in construction industry
is proven to be vital for human
cause. For instance, In 2023, NUST

researchers ~~builded~~ built the 3D Concrete Printing machine. The major purpose was to reduce ~~cost~~ and make the Construction as economical as possible.

The quality and time are two important parameters in construction industry and it provides both. Manual labor takes many days to build house and it can construct in a day or two. Briefly putting it, artificial intelligence has shown its miracles in construction industry, too.

And, now the denial, artificial intelligence has only transformed the world. It is an act of Ostrich putting its head in the sand. The preceding paragraphs were how AI ~~poor~~ to be like savior and the succeeding paragraphs will discuss its negative ~~transformations~~.

firstly, Artificial intelligence can be dangerous if not implied well. Countries and their interest in developing arms like missiles and drones could lead to disastrous ^{it has become} consequences. With the help of AI it is becoming very easier to acquire precision and accuracy in target hitting capabilities. Before AI, the development was at low pace but now it has grown exponentially.

Countries to maintain balance of power are severely engaged in it. According to Putin - Russian President - "whoever rule the AI, will rule the world" echoes the not so positive outcomes if world develops arms at this pace. Hence, one of the flaws artificial intelligence poses.

Secondly, privacy is breached with extensive use of artificial intelligence and disinformation. Disinformation spreads very quickly. Social media apps with artificial intelligence algorithms breach the privacy. Facebook, X (formerly Twitter) uses millions of data fed by people to utilize it for propagandist purposes. For instance, it is noted that social media propaganda significantly manipulated 50 million users in the US elections of 2016. Brexit Controversies is very famous and its evils are everywhere. Hence, it is a setback to humans in such cases when it comes to AI usage.

Thirdly, it significantly plays its part in generating propaganda and creates cyber threats. According to EU Disinfo Lab, over 750 accounts formerly Indians have been detected which were generating propaganda against Pakistan. Propaganda and advertisements

with the help of AI-algorithms has disturbed humans psychologically. In a nutshell, artificial intelligence seriously posing threat via its inculcation in digital media.

Fourthly, Artificial intelligence is overpowering human beings and posing a great threat to job markets. For instance, many restaurants around the world, where unskilled waiters have been replaced by robots causing unemployment and poverty. Amazon saves about 20% expenses by incorporating robots in its offices. Many clerical jobs have been abolished and replaced by AI-tools. Hence, another loss to human beings with the appearance of AI.

Last but not least, artificial intelligence has caused gender-based violence. With the advanced technology, it has crepted so many ways where women is exploited. AI-tools can generate 99% accurate picture and people harass women and girls by blackmailing them. According to the report, 26% of women (and girls) harassed aged 18-24 years using technology facilitated artificial intelligence. Such a negative usage of technology and ultimately causing gender based violence.

plz specify which report

To conclude it, ~~artificial~~ intelligence has proven to be life saver in many fields. Though it has some flaws in it but certain measures should be adopted to overcome them.

Like ~~artificial~~ intelligence, the way it has transformed the world and saved people from humanitarian crisis as illustrated above is a major breakthrough. Additionally it is helping people in many arenas of life and destroying the cultural barriers. Similarly, bringing innovation in technology and enhancing the global economy. Notwithstanding it contains some otherwise outcomes like promoting gender based violence and breaching privacy. It helps generating not only propaganda but also assists in arms proliferation. In conclusion, ~~artificial~~ intelligence is a boon and bane at the same time and as said by Stephen Hawking, "Computers will overcome human beings in 100 years, but when it happens we need to make sure it have goals aligned with ours".