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

## Outline

### 1. Introduction:

- Overview of Artificial Intelligence
- Thesis Statement

### 2. How Artificial Intelligence is Double-Edged Sword

### 3. Synopsis of Present Crisis of Humanity

- climate change
- Food scarcity
- Health Issues
- Job-employment
- Delayed Justice.

### 4. Genesis of Artificial Intelligence as a double edged sword shaping Humanity's Present Crisis

#### i) AI in Climate Resilience

- a) It helps in prediction of natural disasters and Glacier melting.

e.g. National Disaster Management Authority (NDMA).

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ii) AI in Food security

- a) It helps to tackle food shortage through crop-rotation.  
e.g: PAO Report.

iii) AI in Water scarcity

- a) Effective use of Artificial Intelligence predicts water saving paths.  
e.g: India saves 30% of water through cultivating water saviour crops.

iv) AI in Health Sector

- a) It diagnoses severe health issue.  
e.g: IBM Watson

v) AI in Employment

- a) It helps in creation of employment through gig economy.  
e.g: Upwork, fiver.

vi) AI in Security

- a) Surveillance through automated drone reduce security threats.  
e.g: Drone surveillance at border and within city.

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## vii) AI in Economy

- a) Automation within industries ~~will~~ prosper the economy.  
e.g: PWS report - \$15.7  
trillions by 2030.

## viii) AI in Legal System

- a) Streamlining through artificial intelligence in legal system delivers justice effectively.  
e.g: Supreme Court of Pakistan.

## ix) AI in Industries

- a) Robotic automation reduces work burden and helps in designing market competitive product.  
e.g: Tesla Company.

## s) Policy Framework to tackle AI as a Double-Edged sword shaping Humanity's Present Crisis

- a) Laws to regulate effective and efficient use of Artificial Intelligence.
- b) Separate Entity for Surveillance of AI.

## 6) Conclusion:

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"The machines will do what we ask them to do" -

Robert Wiener manifests effective and effective use of Artificial Intelligence. Artificial Intelligence is being celebrated as modern miracle - it prints portraits, composes music, write novels, and even creates poetry. In the 21st century, Artificial Intelligence is reducing the present crisis of humans backed by machine learning and algorithms based. It is revolutionizing the world and intruding in everyday lives. Doubtlessly, Artificial Intelligence is double-edged sword but its effective and efficient use eridects present crisis of human. It incorporates in climate resilience. Along with that, it reduces food security and water shortage. Additionally, its efficient use in health sector diagnosis severe health related issues. It helps in creation of employment. In addition, it automizes the security and enhance surveillance. Furthermore, it not only prosper the economy but it

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also streamlines legal system. Besides to make it fruitful policy framework is recommended to regulate its use. Therefore, it is evident that despite being double-edged sword, its efficient and effective use shapes present crisis of humanity.

Artificial Intelligence is double-edged sword. Its proper use prosper nations. If its use improper then it leads to the destruction. In a sense, it spreads misinformation and creates echo-chamber which eventually leads to the privacy-breach and riots. As an illustration, in 2019, once social media backed artificial intelligence algorithms widespread the misinformations with United States of America during Donald Trump's election campaign. It resultant in riots. Therefore, Artificial Intelligence is double-edged sword. Its effective use leads to easiness.

On the other hand, in the era of modernity humans are clinging in womb of crisis. These crisis are climate change,

food scarcity and water shortage. In addition to that, health issues and reducing employment are present crisis of humanity. Furthermore, fractured economy and delayed justice are also the present crisis of humans in the modern world.

While keeping in view synopsis of present crisis of human beings; artificial intelligence rises as the fertile ground to mitigate the present crisis of human beings.

Let's begin with climate resilience, Artificial Intelligence based software and their incorporation helps in prediction of natural disasters and glacier melting. It predicts most accurate data and warns to take measures to mitigate the risk. For instance, National Disaster Management Authority in 2022, predicted the flood and alarmed the country to take effective measure to tackle the risks. In 2023, it forecasted the depletion of glaciers at fast pace. Therefore, effective use of

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artificial intelligence in climate resilience - a present crisis of humanity - forecasts the natural disasters.

Additionally, artificial intelligence tackles the food shortage by crop-rotation. It illustrates that algorithms of artificial intelligence to predict the crop which is best for soil. Along with that, it tests the pH of soil and recommends the crop to cultivate which eventually enrich the soil. For instance, FAO reports in Pakistan shows that farmers are adopting the crop-rotation technique which results in abandon of food and enrich soil. Hence, algorithms of artificial intelligence predict the crops and resultantly reduces food shortage.

Moreover, water scarcity is utmost crisis of present humanity. This crisis is tackled by the predictions of artificial intelligence. It forecast the water-saving ways which eradicates the water scarcity. Such ways are: storage of flood water and ~~recom~~ cultivating those crops which

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consume less-water. For better understanding, let's take case study of India. It adopts all ways which consumes less-water. Resultantly, India saves upto thirty percent of water. Hence, water scarcity reduces by effective use of artificial intelligence.

In addition to that, health is pivotal crisis of humanity and automation of artificial intelligence in health sector diagnosis the severe health related issue. Artificial intelligence automise the equipments and machines which takes humans. There automation predicts the accurate health related issues.

Let's take the example of IBM Watson. This company automises all equipments and has taken health to the next-level who accurately predict the health related issues. Therefore, automation in health sector through artificial intelligence reduces the health related issues - present crisis of humanity.

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Furthermore, artificial intelligence has created employment opportunities for humans by opening the door to world through internet. It has inter-connected small and medium enterprises through which eventually has grown opportunities. It not only inter-connected SMEs but it also has connected education with world. As an illustration, upwork and fiverr platforms have given rise to the employment opportunities and reduces the unemployment. It eventually give rise to gig economy. Hence, undoubtedly artificial intelligence has reduced an employment and given rise to employment.

Additionally, artificial intelligence in the field of security - an utmost crisis of humanity - has reduced insurgencies by enhancing surveillance. Through the automation of security and surveillance system have reduced the crime rate either within cities or at borders and at both. For

instance, drone surveillance system enable with automation detects up even ~~even~~ manoeuvring within cities and border. It eventually has reduced the security crisis. Therefore, it is evident that automated surveillance and security system reduce the security crisis of humanity.

Furthermore, automation of institutes with advanced technology of artificial intelligence prospers the economy. In institutions, artificial intelligence inter-connected all institutions which plays role in economy upliftment. Let's take example of Dell, they inter-connect all the departments and make decision-making efficient. It eventually leads to the prosperity. According to PwC reports, by 2030 world economy will reach 15.7 trillion dollars, it amids the automation with all institutes. Hence, it is verdict that automation of advanced technology prospers economy - an utmost crisis of humanity.

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Besides, streamlining of legal systems through automation delivers justice fastly and efficiently. By adopting advance technology in judiciary, enables it to delivers justice effectively. Let's take example of supreme court of Palastom - an entity of legal system - has streamlined the prosecutions and hearing. These hearings are broadcast live on social media. It eventually pursue the sense that justice is delivered effectively. Hence, it is evident that by streamlining legal systems delivers justice effectively and efficiently.

In addition to that, automation in industries reduce workburden over employees and help in designing market competitive product. Automation of reseachen and development department in industry enable it to reseachen market and come up need based solution. It results in designing market competitive product. For instance, Tesla company uses

automised the research and development department with advance technology. It resulted to come up with idea of auto-driving technology with cars. They eventually made auto-drive mood in their cars. Hence, it is evident that automation in industries reduce burden over employees and help in designing market competitive product.

All above mentions are the genesis of artificial intelligence as a double-edged sword shaping Humanity's present crisis; below given is policy framework to tackle artificial intelligence while shaping present crisis of humanity.

keeping in view the automation of artificial intelligence in shaping present crisis of humanity; rules, laws, and regulation to be adopt to make the full use of automation. Resultantly, these laws and regulation hinder in the way of artificial intelligence to cross its set boundaries.

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Conclusively, artificial intelligence is double-edged sword, humans have to juxtapose its use. The proper and ethically use of artificial intelligence shapes the crisis of humanity. In the era of modernity, humans are digging in the typhoon of crises. In this situation, technology is a cheapest stimulus package to buy and adopt it. Technology backed by the artificial intelligence incorporates in every aspect of human life. It encompasses in climate resilience, food shortage and water scarcity. In addition to that, it incorporates in health sector and creates employment opportunities. Furthermore, it enhances security surveillance by adopting advanced technology and prosper economy by automation. Moreover, by streamlining legal system, it delivers justice effectively. All in all, artificial intelligence shapes present crisis of humanity. By adopting policy framework, its use in shaping crisis monitored and enhance its use.