

## QUESTION NO:06

Artificial Intelligence is not all evil - It can promote Social Good, too.

### Outline:

#### 1. Thesis Statement:

Rapid development of Artificial Intelligence has rendered it capable of displaying the shades of social goodness as compared to negative domain. In the form of assisting disable individuals, combating world hunger, and creation of hidden ghost jobs, AI proves to earmark the attributes of flourishing <sup>social</sup> goodness.

#### 2. The working structure of Artificial Intelligence (AI):

2.1 Algorithmic display of result.

2.2 Human in loop or out of loop

technology

2.3 Machine learning programs (MLP)

### 3. Display of social goodness by Artificial Intelligence:

3.1 Assisting children with disability —

AI augmented "Story Sign" app

for deaf children by Huawei

3.2 Combating world hunger —

Nutritional Early warning

system of AI recognising ways

to overcome food shortage

3.3 Creation of hidden jobs employment

opportunities by AI — hidden

ghost work of AI

3.4 Providing criminal justice — AI driven

strategic subject list in Chicago,

analysing future perpetrators.

3.5 Helping to mitigate climate change

— AI for climate change action

by UNFCCC

3.6 Helping in inclusive policy making

— Polis app AI driven in Taiwan.

3.7 Creation of space for achievement of Sustainable Developmental Goals (SDGs) - Japan's F.O city initiative driven by AI.

3.8 Strengthening health care system - Da Vinci Surgical system of AI.

#### 4. Display of ~~B~~ boundary crossing by AI:

4.1 Automated escalation in conflict

4.2 Absence of regulatory barrier - self driving car killing incident in Arizona.

4.3 Automation leading to stagnant income of wage workers - Engel's parable

4.4 Lack of accountability.

#### 5. Recommendations to bolster the AI structure:

5.1 Creating guard rails in AI system.

5.2 Ethical framework bolstering

5.3 Sharpening of cognitive ability

#### 6. Conclusion.

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The progress of Artificial Intelligence at an ~~unrapid~~ enhanced rate has proved to display the characteristics of social goodness as well in comparison with the shades of crossing boundaries of limitation. The inherent structure of Artificial Intelligence shows the a myriad of abilities of overcoming the hurdles and resistances faced by a society. Artificial intelligence not only assists at an individual level, but proves to be a potent tool of displaying benefit at community level. Ranging from facilitation of inclusive policy making, to alleviating the effect of climate change and strengthening the ~~criminal~~ governance structure, AI proves to be an integral element of displaying social goodness. Therefore, rapid development of artificial intelligence has rendered it capable of displaying the shades of social

goodness as compared to negative domain. In the form of assisting disable individuals, combating world hunger, and creation of hidden ghost jobs, AI proves to earmark the attributes of flourishing social goodness.

The working structure of Artificial Intelligence is built upon the ~~the~~ three main pillars. One of the erection of these pillars, is based upon the idea of algorithmic display of result by Artificial Intelligence. The algorithmic wave allows the application of same formula with new data set to help with the outcome ranging within the specific domain. Another foundation of AI is built upon the idea of human in loop or human out of loop technology. The multiple attributes of AI gives it the ability of

enhancing its own working without the help of human input. The third pillar of AI is in the form of Machine Learning Program (MLP) which provides the sector of AI with this ability of learning at a fast pace, along with the adaptability with the changing environment.

Hence, system of AI structured around the ideas of algorithmic use, human in or out of loop technology, and machine learning process puts forward the idea of AI providing huge benefit to the society.

The accelerated advancement of AI ~~is~~ proves to be true through an evidence of AI spreading social goodness. In this regard, multiple examples are displayed by AI. In the first place, AI is assisting children with disability through an initiative step of

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leveraging the disabled children with same ~~of~~ learning opportunities encountered by other children. In this regard, AI augmented "Story Sign" app of Huawei is proving to be fruitful through provision of creative learning opportunities to deaf children. This innovative step of AI proves this Machine Learning Program to be ~~for~~ effective in strengthening the essence of social goodness in society. Hence, through assisting of disabled children at an equal footing with the normal individuals, AI proves to be true in spreading social benefit in community.

In the second place, combatting Artificial Intelligence displays itself to be dealing with the grave issues which ~~are~~ <sup>is</sup> affecting the whole society equally at a massive level in form of world

hunger. AI with the help of ~~data~~ adaptation to changing environment, caters to the arising issues of today. One of the major problems in form of Nutritional Early Warning System (NEWS) global hunger is tackled by Artificial Intelligence. For this addressing this issue, Artificial Intelligence with the augmentation of Nutritional Early Warning System (NEWS) aptly recognises the areas of food shortages and provides with the solution of alleviating the issue. Therefore, AI envisages the idea of leveraging the community at a larger scale with the help of overcoming the conundrum of world hunger.

In the third place, the creation of more job opportunities by AI effectively displays the



idea of social benefit. With the advent of technological age, the issue of unemployment has also come to the surface. In this regard, the rapid adoption of AI by multiple sectors of the world has resulted in the creation of job opportunities in parallel with the automation. The development of new collar jobs or the hidden ghost work by AI covers a huge chunk of the employability issues. The requirement of data cleaning and content mediation has allowed an enhanced rate of employment opportunities to be chased by youth. Thus, the era of automation by AI is growing simultaneously with the ghost job creation for the societal benefit.

In the fourth place, the

greater goodness is prominently displayed by the dissemination of criminal justice. One of the major issues of today is the rising rate of crime and appropriate dealing with perpetrators. An augmented system is providing its benefit in this regard through analysis of strategic subject list and drawing ~~the~~ conclusions and possible inclination of future perpetrators. Through correct surveying, AI is capable of correct dealing with the offenders of rule of law. Therefore, the analytical capability of AI proves to be useful in spreading justice for the goodness of society.

In the fifth place, the rising issue of climate change is ~~to~~ being tackled with the inclusion of AI by major stake holders. The insurmountable crisis of

climate change requires the integration of advanced technology. For this reason, the correct usage of AI proves to be accurate in dealing with this contemporary complex issue which is exerting negative effect on the whole community. Augmentation of AI frameworks in the United Nations Framework Convention on Climate Change (UNFCCC) displays the area of assistance through assistance in achieving of the Paris Agreement goals. The appropriate usage of AI sector is reflecting the tackling of issue of climate change. Consequently, the introduction of AI in today's time has proved to be fruitful in spreading greater goodness.

In the sixth place, an advantage of AI for society

is explicitly displayed by the steering towards an inclusive policy making by AI with the help of AI. Inclusive policy making with appropriate say of public is pertinent for the creation of amiable environment.

AI is exerting its effort in formation of conducive society through an propagation of ease in policy formulation. Polis

AI augmented Polis app in Taiwan is assisting the public in putting forward their say in policy formulation and exhibiting positive development in society. Thus, the advent of AI has proved to be serviceable for the society.

In the seventh place, the presence of AI marks itself to be fruitful through the achievement of Sustainable Development

Goals. (SDG). SDG's adapted for the massive benefit of society requires the assistance by AI. AI is proving to be ~~beneficial~~ favourable in this regard through the creation of S.O city by Japan. Such cyber space is scrutinised by AI through careful analysis and creation of safe online space. Therefore, AI is proving to be facilitating the social goodness at a larger scale.

In the eighth place, the introduction ~~creation~~ of AI in health care system has & demonstrated to be valuable through procedure conduction and early diagnosis. Health care system in era of advanced technology needs to diagnose ~~the~~ at an early stage and also assist in procedures to be undertaken by health care workers. AI has marked

its presence in the health system ~~there~~ in the form of putting forward the Da Vinci system.

This surgical system of AI caters to the need of health care

infrastructure with ~~exp~~ before time diagnosis of Parkinson's ~~and~~ as well as assisting surgeons in conduction of procedures. Hence, the social goodness of AI is reflected through the management of health care system.

In contrary to the above mentioned arguments, some areas of weaknesses and nounce shade of perilous act is displayed by the rapid spread of AI. In this regard, firstly the chances of rapid automation of escalation in any conflict renders the attributes of AI ~~to~~ as evil. Automated escalation of the conflict by AI blurs the presence of fine distinction

between the enemy and ally.  
Overcoming of the guardrails  
present and instant disconnection  
of AI system, proves this system  
to be further set forth the  
notion of notorious characteristic  
of AI. Hence, rapid uncontrolled  
advancement and action taking  
by AI in any warfare can  
corroborate the evils of AI.

Secondly, the absence of  
regulatory barriers by AI in  
AI system exhibit the areas  
of loopholes and disadvantages  
present in AI system. Scarcity  
of command over the action taking  
of AI activity of AI, puts forward  
the incidents of innocent killing.  
Such an incident of pedestrian  
killing by AI automated  
self driving car in Arizona loudly  
speaks about the lack of  
controlling ability displayed

by AI. Lacking of inherent control by AI, unveils the significant display of dangerous aspect of AI. Hence, the ~~tax~~ minimal regulatory barriers in AI governance, commends to the negative perspective of AI.

§ Thirdly, the domain of wage workers is hugely affected by the automation wave displayed by AI system. Stagnation of income is clearly seen in this regard a phenomena drawing parallel with the Engel's pause in Britain after industrialisation.

The revolutionary changes displayed by AI propounds the vulnerability of employability sector through an adverse effect on the income of ~~the~~ workers. The overhaul of production system by automation, calls for puts forward the reflection of



adverse affect on the wage earning in today's era. Therefore, the weakness and negative characteristics of AI are clearly reflected.

In the fourth place, the lack of accountability <sup>by</sup> the AI system sends a ~~sent~~ set out a path of adversity by the Machine learning. Conduction of any wrong doing by AI, will ~~pro~~ lack the domain of responsibility and answerability by AI system. The computed mechanism and robotics surpass this aspect of justifying their actions. Deprivation of enhanced cognitive ability leads to default of AI system. Hence, lack of taking responsibility of any action proves to be ~~at~~ a display of evilness by AI.

The structure of Artificial Intelligence can be bolstered with the inclusion of a number of recommendations.

The foremost requirement in the appropriate conduction and usage of AI system is in the form of guard rails. Such an initiative will prevent the automated escalation by AI.

Moreover, the ethical framework of Machine Learning should be further build upon through addition of ~~privacy~~ privacy rules and resisting the spread of misinformation. Furthermore, the sharpening of cognitive ability of AI is required for the development of stark distinction between right and wrong.

Hence, the integration of these prospects will assist in reinvigorating the AI system positively.

In crux, the ability of capability of AI system is explicitly displayed in the form of benefit for the whole community. This holistic and rationale approach of AI puts it forward as a carrier of spreading the social goodness in society in form of assisting the disabled children, combating hunger, alleviating climate change and restructuring health care system. The presence of certain subtle weaknesses can be overcome with incorporation of certain augmentation of guard rails and bolstering ethical framework. All in all, the accelerated advancement of AI in today's world has proven to be a benefit for the community as a whole.