

ManKind face the challenge of using of Artificial Intelligence

responsibly.

Outline

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Thesis Statement:

There are a great many challenges faced by mankind by using Artificial Intelligence; however, it is predicted that AI would be ^{also} beneficial for mankind.

2. Artificial Intelligence? ~~is a serious problem?~~ **Overview:**

3. Challenges faced by mankind because of using Artificial Intelligence:

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3.4 Mankind face the challenge of ethic and morality lack in Artificial Intelligence.

3.5 Creativity lacks in Artificial Intelligence is also a challenge faced ~~serious~~ by mankind.

3.6 Trust deficit is also a challenge by using A.I.

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ManKind face the Challenge of using of Artificial Intelligence responsibly:

From the vast landscape of technology innovations, Artificial Intelligence (AI) stands out as a power and transformative force. Somehow, Artificial Intelligence (AI) is beneficial. On the other hand, there is ^{also} negative side of every man-made inventions. Similarly

There are a great many challenges faced by mankind by using Artificial Intelligence; however, it is predicted that Artificial Intelligence (AI) would be also beneficial for mankind.

There are a number of problems that humans are facing by using Artificial Intelligence the world over. Threat to democracy, lack of human-level-performance and lack of emotions are the challenges faced by mankind. Other challenges include ethic and

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morality, creativity lack in Artificial Intelligence and trust deficit ^{are} also serious problems that humans are facing. Further challenges; data privacy and security, displacement of employees and Artificial Intelligence ^{has been} used in transportation are key problems occur due to the use of Artificial Intelligence which are faced by humans throughout the world. However; along with the challenges, there are also privileges enjoyed by mankind include more work effectiveness and efficiency as well as humans will get ^{greater} employment than internet has provided. It is hoped that one ^{day} Artificial Intelligence (AI) will control the world itself and humankind would live in complete comfort zone.

~~People face threat~~
Artificial Intelligence is

a branch of computer science that aims to create intelligence machines capable of performing tasks that require human intelligence. The field of AI encompasses a wide range of approaches, techniques, and technologies. These ^{all} are geared towards enabling machines to simulate human-like cognitive abilities, such as learning, reasoning, problem-solving, perception, and language understanding. The ultimate goal of AI is to develop systems that can ~~to~~ mimic human intelligence to varying degrees, making autonomous decisions and adapting to new situations.

In the preceding section overview of the Artificial Intelligence was discussed. Now, in the following paragraphs challenges occur due to AI will be explained.

People face threat

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to democracy by using Artificial Intelligence. Many ^{intelligence} secret agencies of world are working to initiate war. However, it would not be the war by weapons rather than war by technology.

According to the Guardian quoted that "Israeli firm boasted of meddling in more than 30 elections world wide". Mossade intelligence was involved in 33 presidential election campaigns, 27 of which were successful. The report says, it was only possible by hacking public figures' accounts and campaigning through the use of Artificial to influence people by social media. Consequently, by the use of Artificial Intelligence the public opinion has been stealing and forcing to change as per their own interest. Public opinion is the foundation of democracy run by

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various countries in the world. Hence, it is analysed that mankind face the challenge of theft of public mandate which is threat to democracy the world over due to the use of Artificial Intelligence and it lacks human-level-performance.

Human-level-performance

is a challenge that humans are facing by using Artificial Intelligence. This is one of the most important challenges that has kept researchers on edge for (AI) Artificial Intelligence services in companies. These companies might be boasting of above 90% accuracy, but human can do better in all these scenarios. For instance, let a model predict whether the image is of a dog or a cat. The human can predict the correct output nearly every time accuracy of above 99%. For

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a deep learning model to perform a similar performance of human-level would require unprecedented finetuning, hyperparameter optimization, large datasets, and a well-defined and accurate algorithm, along with robust computing power, uninterrupted training on train data and testing on test data. That sounds a lot of work, and it is actually a hundred times more difficult than it sounds. Even

many pre-trained models are trained on millions of images but the real problem is that they continue to show errors and would really need a lot of struggle to reach human-level performance. Thus, it is said that human-level performance is a challenge that humans are facing due to the use of Artificial Intelligence which also lead to the lack of emotions.

Lack of emotions

in Artificial Intelligence is also a challenge faced by mankind. Since early childhood, it has been taught that neither computers nor other machines have feelings. Humans function as a team, and team management is essential for achieving any goal. However, there is no denying fact that robots are superior to humans when functioning effectively, but it is also true that human connections, which form the basis of teams, cannot be replaced by Artificial Intelligence. Because, it lacks emotions. To sum up, by using (AI) Artificial Intelligence mankind face challenges regarding team work due to its negative factor of emotionless which led ethic and morality challenge. ⑧

Mankind face the challenge of ethic and morality lack in Artificial Intelligence. Ethic and morality are important human features that can be difficult to incorporate into Artificial Intelligence.

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The rapid progress of Artificial Intelligence has raised a number of concerns that one day, A.I will grow uncontrollably, and eventually wipe out humanity. This moment is referred to ~~as~~ as the A.I singularity. It is uncertain that coming generations would not learn ethic and morality by using Artificial Intelligence. Therefore, it is also a major challenge that people are facing the world over. as it also led to the lack of Creativity.

Lack of creativity in Artificial Intelligence is a burning challenge faced by mankind. A big disadvantage of A.I is that it cannot learn to think outside the box. Artificial Intelligence is capable of learning over time with pre-fed data and past experiences, but cannot be creative in its

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approach. A classic example is bot Quill who can write Forbes earnings reports. These reports only contain data and facts already provided to the bot. Although it is impressive that a bot can write an article on its own but the whole data provided to clients will quite same, it lacks the human touch present in other Forbes articles. In short, it is analysed that artificial ~~the~~ Intelligence lacks creativity that mankind demand or it can only be done by creative humans. which led to the trust deficit.

Trust deficit is also a serious challenge by using Artificial Intelligence faced by humans. It is one of the most factor that cause of worry in humans for the Artificial Intelligence, is the known of how deep learning models predict

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the output. How a specific set of inputs can devise a solution for different kinds of problems is difficult to understand for a layman. Even many people in the world do not know the use ~~of~~ or the existence of Artificial Intelligence. Some people even avoid the use of Artificial Intelligence due to many scam cases occur which produced trust deficit ~~between~~ ^{among} mankind and ~~Artificial Inte~~ which led the challenge of data privacy and security.

Humans face data privacy and security challenge by using Artificial intelligence. The main factor on which all the deep and machine learning models are based on is the availability of data and resources to train them. This data is generated

From millions of users around the globe. There are chances this data can be used for bad purposes. For instance, ~~the~~ a medical officer services to 1 million people in a city, and due to a cyber-attack, the personal data of all the one million users fall in the hands of everyone on the dark web. This data includes data about diseases, health problems, medical history, personal information of users and much more. Moreover, major companies such as Google, Facebook, and Apple facing charges regarding unethical use of users data generated by A.I. Even, various countries such as India and China are using stringent IT rules to restrict the flow. Hence, mankind face challenge regarding data privacy and security due to the use of Artificial Intelligence and

also led a challenge to bridge trust in AI in transportation.

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Mankind has been facing challenge by using Artificial Intelligence in transportation. It is ethical and legal challenge while using autonomous vehicles. For instance, in the event of accidents and breaking traffic rules determining who is responsible when an AI controlled vehicle is involved in a collision or detained by traffic management can be complex. Even, the system of autonomous vehicles can be hacked and can be caused of much disaster or more death of passengers and pedestrians. Though, it is possibly use for crime as well. and

A.I can produced unemployment.

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Unemployment is a alarming challenge faced by mankind while using ~~Artificial~~ Artificial Intelligence.

Artificial Intelligence produced unemployment for the workers working in lower categories of work such as driving car by driver replaced by autonomous vehicles and much more. According

to PwC's report, by the mid-2030s, as AI advances and becomes more autonomous, 30% of jobs and 44% of workers with low levels of education will be at risk of automation. Hence, Artificial Intelligence would replace workers and can make workers unemployed.

There is need to revolutionize the skills and education on the globe in order to face this challenge.

In the preceding

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section, challenges faced by mankind by using Artificial Intelligence were discussed. Now, in the subsequent paragraphs its anti-arguments will be explained.

Despite, the challenges faced due to the use of Artificial Intelligences, mankind also get benefits such as greater employment- than internet has provided and work done by AI with more effectiveness and efficiency.

Mankind will get employment- greater than internet has provided. According to the PwC's Annual Global report, the AI ~~will~~ newly create jobs will require new skills and necessitate significant investment in upskilling and reskilling young people and adults. However, it would take long period and only ~~be~~ beneficial for those

who would have such skills but rest of professions include Data Entry Clerks, Accountants and Auditors, Payroll Clerks, Customer Service Workers, Mechanics and Machinery Repairers and many more will be unemployed by wide spread of Artificial Intelligence. Thus, it seems risky for those who served in above mentioned as employees. However, it also led to produce more effectiveness and work efficiency.

Man kind will enjoy the effectiveness and efficiency of work done by Artificial Intelligence. It is find that robot machines can perform better work with efficiency in the course of time. However, it lacks originality and authenticity which is essential for unique perspectives

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that only come from humans.

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In the previous sections, anti-arguments of mankind face challenge using of Artificial Intelligence responsibly were discussed. Now, in the following paragraph its way forward will be analysed.

The Challenges Faced by mankind due to the use of ~~Artificial~~ Artificial Intelligence (AI) require a thoughtful and proactive approach to pave the way forward. Emphasizing the following principles will be essential to ensure a positive and responsible integration of AI into human lives. Ethical Frameworks to establish human values and respect individual rights, Regulatory Standards to create a harmonized legal framework to safeguard against potential risks and misuse, and stricter data protection laws, secure

data storage and enhanced cyber security protocols are necessary to mitigate the risk of data breaches and unauthorized access. Furthermore, education and Upskilling, collaboration and transparency, and robust testing and evaluation are some serious and practical steps can be taken to overcome the risk of challenges that humans are facing due to the use of Artificial Intelligence.

To conclude, it is stated that there are a great many challenges faced by mankind by using Artificial Intelligence; however, it is predicted that AI would also be beneficial for mankind. Many challenges are faced by humans include threat to democracy, lack of human-level performance and unemployment risk. Further challenges

Such as lack of creativity, risks in autonomous transportation and data privacy and security are also faced by mankind. Though, it is hoped that AI can still be used to make human prosperous and provide comfort. Even, it is also hoped that one day the GDP of the world also increase due to the Artificial Intelligence.

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