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The Influence of Artificial Intelligence on the Progress of Humanity

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Abstract

The examination of how artificial intelligence affects people's daily lives is the main topic of this essay. The world began to significantly shift after technology was created. This advancement has received a new impetus from artificial intelligence. Artificial intelligence is somewhat entirely necessary for survival. This essay will examine our use of artificial intelligence and the extent to which we rely on it. Additionally, this essay will touch on the ongoing discussion about the employment issue and how it relates to artificial intelligence.

Keywords: Artificial intelligence, Impacts of artificial intelligence, progressiveness, employment and unemployment.

Introduction

Since the very beginning of artificial intelligence, it has greatly enhanced human life in innumerable ways. From finding the fastest and

most convenient route to discovering cures everywhere there is the impact of AI. Maximum people start the day by unlocking their phones using Face Id or fingerprint. According to a survey from the infographic, a person unlocks his/her phone 150 times a day on average. ("44 Smartphone Addiction Statistics for 2023, 2023). Then they scroll through social media applications or check emails. All of these are the blessings of artificial intelligence. Not only personal activities but major economic activities are also maintained by artificial intelligence. How the stock market would behave or how the weather will change everything is determined by AI. Certainly, the blessings AI has given humanity cannot be denied. But within these blessings there remain specific concerns that cannot be neglected. The biggest question is whether one has privacy or is always being watched.

Everyone has experienced some events at least once in their life. Opinions are frequently posted about a particular product, and later that day the exact product appears in a newsfeed. Similarly, one might mention that someone has visited a specific location or done research on it. Within hours, the news feed will be overrun with information on the location. Tech firms like Google, Facebook, and Tiktok gather data to enhance their capabilities and provide a better user experience. Unfortunately, TikTok has come under fire for allegedly giving the Chinese authorities access to client data that was stolen from them. (Touma, 2022). Many countries banned TikTok and several national military personnel are restricted from using the app. Allegations against Facebook's misuse of information and using data in the US general election are also other concerns. (*Facebook Sued Over Cambridge Analytica Data Scandal*, n.d.) The unemployment rate generated by artificial intelligence is currently the hottest topic. People are legitimately worried that artificial intelligence would eventually replace them and cast them on the streets, and it has emerged as the most contentious issue. In a broad sense, that could sound feasible, but one cannot predict the future with certainty. People worried about going bankrupt when the industrial revolution began. But in reality, the industrial revolution brought about so many work opportunities that it completely changed the way the world was. This might also apply to artificial intelligence. Some people also think AI has the knowledge to rule humans. These are merely exaggerations made by uneducated individuals.

Literature review

In recent years Artificial intelligence has become the most famous topic in the world. Artificial intelligence has already started to change the world and the very recent industrial revolution (IR 4) is an example of artificial intelligence. Almost every sector in the present world uses ai technology for the convenience of collecting and managing data as well as to operate faster and smoother. According to a report, almost 35% of the leading companies directly use AI and 91.5% of them have already invested in AI technology (Watters, 2023). This section briefly shares the literature review on the sectors that use artificial intelligence and also gives a glimpse into the future of AI as well as employment opportunities and the loss of employment for different positions.

➤ **AI in the healthcare sector:**

The healthcare sector is perhaps the most important since it benefits the overall health of individuals through a variety of means. Through using AI robots many difficult microsurgeries are becoming risk-free and easier. Besides, it has become easier to keep track of the database of a patient. Recently Forbes published an article on how ai is making the health sector better and more efficient. (Gordon, 2022).

➤ **AI in the Education sector:**

Nowadays besides textbooks, students are also getting the opportunity to visualize what they are learning with the blessing of AI. Also, there is huge data of playlists that are available on different platforms which are maintained using the help of AI.

➤ **AI and the future:**

The future looks completely different than it is now. AI has been positively welcomed by almost every industry and the application of AI is a continuous process. From self-driving cars to weather forecasting everything is a product of ai. AI is moving slowly towards machine learning which means that machines are slowly learning tasks without any external assistance. The industry of machine learning is estimated to reach about \$153 billion by the year 2027. (*What Is the Future of Machine Learning?*, 2022). The industry of ML now stands at an estimated \$1.41 billion. (Oncology, 2022).

➤ **AI and employment and unemployment:**

Since the introduction of AI one question has been very common and that is how will AI affect the job market. Many believe that a huge amount of people will be unemployed. Already many of the jobs are eliminated. The job of a writer, transcriber, and data clerk is on the verge of dying. Even the founder of OpenAI fears many of the jobs may become eliminated. (Sharma, 2023). But there is a huge positive

side as well. Many new jobs are opening every now and then thanks to artificial intelligence. Data scientists, programmers, statisticians, and fintech analysts are getting many opportunities to show their skills. Many white-collar jobs are also being exposed due to artificial intelligence.(Felten et al., 2019). Therefore, AI has both advantages and disadvantages in the existing work environment.

Conclusion

AI is influencing almost every sphere of one's life nowadays. Artificial intelligence is making individual lives easier in terms of communication, making tough tasks to solve in a jiffy but also creating an unpleasant situation regarding employment as AI takes up all the work that humans once did. By 2030, it is estimated by the World Economic Forum that over 85 million occupations would be replaced by artificial intelligence. (Konovalov, n.d.). So it has both benefits and some demerits. AI is already taking a big leap in auto-generating data loads and the automation industry. Overall AI is the new language of this world and through this many, more revolutions are going to come.

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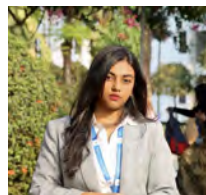
Authors' Biography:

Muhtasim Sanaan Novo, a student at Brac University who is presently pursuing a bachelor's degree in economics. He believes it has been a pleasure to write this piece, and he is grateful to have learnt a lot of new things while writing the essay, and he appreciates the excellent group members who supported him along the way.



Nujhat Tabassum Mithi is pursuing my bachelor of science in Biotechnology at Brac University. Many of her participation include the national biology olympiad, science fests, debate competitions, and working as a campus ambassador for a youth organization.

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