Title:

Name:

University Name:

Unit Name:

Course Name:

Department:

Due Date:

**Introduction**

In recent years, technology has grown rapidly. And the use of technology has also increased rapidly. Technology affects the way people learn, think, and communicate. It helps society determine how different people from one place to another interact with each other on day to day basis (Allen and Chan, 2022). Technology has both positive and negative impacts on people and the world. People are living in an era where technological advances are most common. Cell phones and the internet are some of the good examples (Hussein et el, 2021). Technology plays an important role in society, and not it is very difficult to imagine human life without technology. Both technology and society are co-dependent, co-influence, and co-related with each other (Allen and Chan, 2022). Technology advancement lays an impact on individuals and society, including the potential for both society and individuals to progress or decline, in both a good manner and a bad manner (Allen and Chan, 2022). Both people and society are shaped by technological advancement, which has both beneficial consequences and harmful consequences (Allen and Chan, 2022). Person societies and technology have grown inextricably linked since technical systems like TV, mobile phones, computers, and so forth, are produced by human beings and reflect the very basis of people’s lifestyles and needs.

Technology will be a driving force in shaping how people in society live. Each emerging innovation brings about changes in how people live, interact and work (Hussein et el, 2021). However, technological change has rapidly grown in recent years, with new emerging trend every year, for instance block chain, crypto currency, the Internet of Things (IoT),and artificial intelligence (AI) poised to have an impact on society in the coming years (Hussein et el, 2021).

According to a recent research study, the emerging technology market is projected to grow to 3.5 trillion dollars by 2026, with contributions from block chain, AI, and IoT. However, adopting these emerging technologies has its challenges such as concerns about security and privacy. Artificial Intelligent (AI) has become increasingly important in the 21st century as it has the potential to revolutionize many industries, including education, finance, healthcare, and so forth (Allen and Chan, 2022). The use of Artificial Intelligent has already reduced costs, increased accuracy, and improve efficiency in many fields (Allen and Chan, 2022). This assignment will explore the impact of Artificial Intelligent on people and society.

**Impact of Artificial Intelligent (AI) on individuals and society?**

As different technology continues to grow, it is becoming clear that artificial intelligence will have a positive impact on both individual and society (Berger, 2022). From personalized marketing to automation, and so forth. Artificial Intelligence has the potential to transform the way people live, work, and interact with one another (Berger, 2022).

Artificial Intelligent has played an important role in the digitalization of people and society, as it has enabled people to collect, analyzed, and process large amounts of information fast than ever before (Allen and Chan, 2022). This fact has contributed to improved business processes, the creation of new technologies, and efficiency in a lot of industries. Artificial Intelligent had a positive impact on the media, from video to text to 3D (Allen and Chan, 2022). Artificial Intelligent technologies such as images, natural language, and audio have revolutionized the way people interact with and consume various media (Allen and Chan, 2022). With Artificial Intelligent, people can analyze and process large amounts of data quickly, making it easier to access and find the data we need (Allen and Chan, 2022). The use of Artificial Intelligence in mobile phones has increased more rapidly in the past. Artificial Intelligent powered personal assistants, such as Google Assistant and Siri, have become a staple of many people’ way of life (Allen and Chan, 2022). Artificial Intelligent technologies are also being used to improve end-user experience and to give more personalized services and recommendations (Allen and Chan, 2022).

Artificial Intelligent has transformed education, offering individualized and personalized teaching, and has also improved the learning outcomes for learners (Ernst et el, 2023). Artificial Intelligent can analyze learners’ information and provide real-time feedback to learners and their tutors, allowing teachers or learners to adjust their learning and teaching strategies accordingly (Hussein et el, 2021). One of the benefits of Artificial Intelligent in education is the ability to provide individualized and personalized teaching to the learners (Ernst et el, 2023). Artificial intelligence can analyze learners’ data and create a personalized study plan for each learner, taking into account their learning style, strengths, and weaknesses (Ernst et el, 2023). This approach has the potential to improve students’ engagement and learning outcomes. The potential of Artificial Intelligent in education is large, and it is expected to revolutionize the way people approach diploma and degree programs in the near future (Ernst et el, 2023). Artificial Intelligent powered technologies can give learners real-time feedback and help learners stay on track with their learning, and more often a more engaging and personalized learning experience.

Animals such as dogs are recommended to older members of society to reduce blood pressure, loneliness, anxiety, and ease their tension, and increase social interaction (Lee et el, 2021). Now, cyborgs have been recommended to accompany elders, even to help them to do some house chores (Lee et el, 2021). Social assistive and therapeutic robot technology helps improve the quality of life of physically challenged individuals and senior citizens (Lee et el, 2021).

Artificial Intelligent based surgical procedures have been available for patients to choose from (Lee et el, 2021). Although this Artificial Intelligent still needs to be carried out by a physician, it can do the work with less damage to the human body. The da Vinci surgical procedure, a robotic-based technology allowing doctors to perform minimally invasive procedures, can be found in most healthcare institutions now (Lee et el, 2021). These artificial Intelligent systems enable a degree of accuracy and precision far greater than the operation procedures that have been done manually (Lee et el, 2021). The less invasive the operation, the less patient blood loss, and less trauma it will happen, less anxiety for the affected patients.

**What changes are occurring in connection with the technology**?

Artificial intelligence has gone through many changes since mid-1950s when the first computer program was developed by Strachey Christopher (Naidu, 2022). This program finished a game on Ferranti Mark 1 machine that was being hosted at the University of Manchester (Mike,2023). Since then, artificial intelligence has been used to help model human speech and sequence RNA for vaccinations, different technologies that depend on model and/or algorithm-based computer learning machines, and increasingly focus on reasoning, perception, and generalization (Naidu, 2022). Such technological innovations have enabled artificial intelligence to take center stage like never before (Naidu, 2022).

In the last 5 years, artificial intelligence has made a lot of strides (Kalyanathaya, 2022). For instance, computer vision, a branch of artificial intelligence enables computers to analyze digital images and classify people, objects, and actions (Kalyanathaya, 2022). Recent development in this field has empowered robots to achieve human-level performance in jobs like emotion recognition and object detection (Kalyanathaya, 2022).

Transportation is another sector that has drastically been changed over the years by artificial intelligence (Naidu, 2022). Artificial intelligent travel planners, self-driving motor vehicles are just many facts of how we get from one point to another that have been influenced by artificial intelligence (Naidu, 2022).

The manufacturing sector has also benefitted from artificial intelligence for many years. With artificially intelligent aided robotic arms in industries that date back to the early 1960s, since then the manufacturing sector has adapted well to the abilities of artificial intelligence, (Naidu, 2022).

Artificial intelligence has played an important role in personalized medicine. Artificial Intelligent has assisted doctors to design patients’ treatment plans based on their genetic makeup and health history (Naidu, 2022). Recently, artificial intelligence has improved medical imaging algorithms, overtaking human capabilities in diagnosing illnesses from MRIs, X-rays, and CT scans. These developments enable earlier diagnosis and more efficacious treatment of patients (Naidu, 2022).

**Why and how are these changes occurring**

Artificial intelligence needs to change because it cannot be compared to human intelligence and it does make a lot of mistakes (Ernst et el, 2023). The more mistakes artificial intelligence makes, the more the technology needs to be corrected and a lot of modification needs to be carried out to keep it in check (Ernst et el, 2023).

Artificial intelligence needs to change because it is easy for machines to take over human jobs (Ernst et el, 2023). It is easy for machines to take over jobs because they can take up the slack in tasks that human beings were doing, and then human beings are not paid because they no longer doing the job (Ernst et el, 2023). When machines are allowed to do all the work and human beings are not paid, there will be a lot of people without jobs. This issue is the reason why artificial intelligence needs to change. These changes are occurring in many industries (Ernst et el, 2023). For example, in the improvement of medical care. Artificial intelligence helps doctors to identify and treat sickness.

**To what extent are these changes disruptive**

Recently, there have been major social changes that disrupt how people live. Human beings are industrious, but with the services of artificial intelligence, people can simply program machines to do things for them without lifting a tool (Allen and Chan, 2022).

Human closeness will be slowly diminishing as artificial intelligence will replace the need for people to meet face to face for interaction or idea exchange (Allen and Chan, 2022). Artificial intelligence will also interrupt jobs because workers are being replaced by machines (Allen and Chan, 2022). For example, many vehicle manufacturing assemblies have been filled with robots and machinery, forcing traditional employees to lose how they work (Allen and Chan, 2022). Even in stores and supermarkets clerks will not be required anymore as machines take over human labor.

Wealth inequality between the rich and poor is being widened by investors of artificial intelligence; who take up a major share of earnings. The so-called “M” shape wealth distribution is more obvious (Allen and Chan, 2022).

**Conclusion**

The future of artificial intelligence is full of possibilities and bright. As people continue to accept this technology, people must remain mindful of its impact and strive to address the many challenges that come with its evolution. By doing so, human beings can ensure that artificial intelligence continues to play an important role in the world, improving people's lives and creating a good future for generations to come. As artificial intelligence continues to grow, it is well-known it will play a significant role in shaping the future. While some drawbacks should be addressed, such as security and privacy concerns, the benefits of artificial intelligence are undeniable. From providing personalized learning experiences to revolutionizing the healthcare sectors. Artificial intelligence has the potential to improve people's lives in countless ways

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