

The Benefits and Disadvantages of the Improvement in Technology

Technology is both a benefit and a cost to society. While technology brings improvement to jobs and daily lives, it also brings a cost. Technology makes life easier; businesses can produce more with the advancement in technology but at what cost. Some may view technology as beneficial to society while some worry about the effects of the improvement in technology to society. This topic is important because the use of technology is advancing rapidly. It has improved business operations and daily lives. However, people rely so much on technology that they are forgetting certain skills and are becoming too dependent on technology to do basic tasks.

Most persons view the improvement in technology as improving production and processes while some see it as the loss of culture, knowledge, and skills. I will explain why the improvement in technology is both a benefit and a cost to society. Advancements in technology are marvellous innovations of humanity since ancient times. The innovations by humanity have moved very far from using wood as materials to developing aluminium and different types of metals. Technology has improved over the years at a fast-growing rate and this phenomenon has also showed how far humanity has advanced. With this advancement and improvement in technology and the use of these technology by humanity, one tends to wonder if humanity is too dependent on technology.

With the improvement in technology, medicine is easily available and accessible, persons can travel to distant countries faster, and persons can communicate with each other with just the use of a cell phone. But, has humanity become so dependent on technology that they are forgetting some basic skills and are relying on technology to complete basic tasks? Some people may view the technological improvement as a benefit while some may view it as a means of increasing dependency. Authors have outlined the positive and negative

impacts of technology on society. Based on the article, “Impact of Technology on Society” written by Capistrano, J., the author provided arguments related to the dependence on technology. He stated that technology is used to provide “entertainment, social, and travel”. He indicated that some signs showing that persons are dependent on technology are when people or students use calculators for simply task instead of working the equation out for themselves.

People are so dependent on their cell phone that they tend to feel “separation anxiety” when their cell phone is not with them or nearby. This shows that persons could become addicted to cell phones. In the article he stated that there are too much simulation games that be being invented whereby most people prefer to do the simulation rather than go to the actual activity. Playgrounds are being empty because less and less children are actually going out to play or see the nature. In the article he also indicated that persons are losing creativity because they are depending on technology to do all their work for them. With the invention of graphic design person no longer need to use a pencil or paper to draw anything. The author also indicated the benefits technology bring to society such as greater entertainment, faster travel to distant countries and frequent updates on what’s happening around the world through social media.

The article main objective was to highlight the positive effects that technology brings to our lives, but it also highlights society attitude towards technology. The article shows how most persons in society tend to act when technology or a technical device is not available. It also shows how society is so dependent on technology that persons tend to use it for almost every daily task and operations. While technology has its benefits it also has its negative impacts. In an article, “Impact of Technology on Society” written by Ramey, K., the author talked about technology and the impact of technology on society. In the article he stated both the positive and negative impacts of technology on society. The positive impacts are that

technology has mechanized agriculture, improved transportation, and communication, and has improved education and learning processes. While there are positive impacts, he indicated that there would also be negative impacts such as resource depletion, increased pollution, and increased population. This article mainly focuses on the benefits of technology to society. Technology also has its benefits in society as it helps society learn new cultures and advance it to a higher level.

In the article, “Development of Society under the Modern Technology”, the authors talked about how the improvement in technology has benefited society. Technology has brought new methods of communication, enhanced the economic growth of a country, and made work which seems impossible an easy task to handle. Technology has a great impact in society based on improved science and technology in education, the environment, communication, health and hygiene, infrastructure, and the government. The authors indicated that due to the improvement in technology, knowledge is being shared with everyone, medicine is readily available, tools are being made to make work simpler than before, transportation has allowed for persons to travel to far places and explore different countries and, due to development of computers and cell phones, persons can communicate within greater distances.

The authors suggested that technology is beneficial to society and has influenced day to day life such that persons have become dependent on modern tools of technology. They also suggested that with these tools, villages and small towns now have the means to advance their living conditions and turn their rural area into a more modern community. In the article “The Problem with Relying on Technology”, Professor Lee Meserve wrote about the problem of relying too much on technology. This article was written in 1998 and highlights some of the problems society faces when they rely too much on technology. He also suggested that the

reliance on technology results in the loss of previous knowledge because persons rather learn about the advance knowledge and forget about the past.

In the article he also stated that due to the reliance on technology persons tend to lose their ability to do task faster and better. Even though this article was written since 1998 some of the issues in the article currently exist. With this evidence we can see that technology is a great benefit to society but reliance on technology can cause persons to lose their ability to do certain task and a loss of knowledge. With the advancement in technology people tend to do things with the help of technology. Improvement in technology makes tasks easier and persons tend to take the easiest way rather than the old fashion way. Therefore, most people become dependent on technology because they would use it in all aspects of their lives. While some people view technology as beneficial to society, others have a vision that improvement in technology would be at a peak soon where it would be doing most of the jobs.

According to Thomas Frey “The more technology we rely on, the more breaking points we’ll have in our lives.” Thomas Frey wrote an article about, “Two Billion Jobs to Disappear by 2030”. In this article he explained that with the advancement in technology human skills would not be needed anymore for most jobs and that most of the jobs that are being displaced are the low-level, low-skilled labour positions. He also indicated that the industries in which the human skills will be replaced would be the “Power Industry, Automobile Transportation (Going Driverless), Education, 3D Printers Jobs and Bots.” In the article, Thomas Frey identified some of the jobs that would be replaced such as teachers, trainers, and professors and these would be replaced with jobs such as coaches, course designers and learning camps. He recognized the advancement in technology and the benefits and disadvantages of technology to society. His was of the view that people should wake up to the fact that we are relying so much on technology that it is making us “fat and lazy”. He suggested that even though most people would like the advancement in technology, we are

not yet ready for it. I conclude that this author sees the advantages and disadvantages of the improvement in technology to society. I would use this author to show how the improvement in technology has made persons so dependent on it that they are not assessing how it affects society.

The articles reviewed for this study showed that technology has brought many opportunities and advancements to our lives. But with these advancements' society is becoming very dependent on technology and persons are losing basic skills. For example, with the creation of self-driving cars, most persons may not pay attention to what's happening on the road and in times of emergency most persons may not know what to do since they depend on the automatic technology of the car for everything. Also, the implementation of technology in schools is a significant advancement in education. Every student would have access to a laptop or a tablet whereby they can search for information and complete their homework and other assignments.

With the technological advancements in education, there may not be any need for classroom teachers, printed books, or school buildings. How would this affect the education of the students? A teacher's job is to mentor, teach and advise students but if the teacher sends homework and assignments electronically, would there be any need for school buildings? This could lead to unemployment because not only teachers would be unemployed but also those people associated with the schools such as janitors and bus drivers. The education of the students could be affected. There's no guarantee that the students are doing the work or acquiring any knowledge because no one is there to supervise the students. Also, assignments and homework may require a certain way of solving the problem or answering the questions with the hands-on assistance of the teacher.

The discussions in the classroom allows for more creative thinking and interaction among students and eventually for different ways of thinking in society. All these factors show that technology has a major impact on society, but it is making persons very dependent on it. As technology changes and advances so does society. Imagine being able to travel longer distances in a short period of time. Before vehicles were manufactured, society used carriages and horses as transportation and at times even used to walk to their destination. But with the invention of vehicles travelling can be done in a few minutes or hours. This is very convenient for emergency. Medical services and medication are easily available and accessible. Information is now readily available to everyone in society and persons could attain knowledge and share ongoing events instantly. With the advancement in technology more and more resources are being used to create and operate these new technologies. An example is using solar panel to create solar energy to power buildings and power plants.

Agriculture is improving with the use of resources for the advancement of technology. Some countries and locations may not have the right temperature or the right type of soil to cultivate crops but, with the in technology, there is the creation of green house and many different methods to help crops grow quicker and to help store seeds over a period. All of these are available due to the use of resources for advancement in technology. In conclusion I would say that even though technology has its benefits, it also has its negative impacts. Technology has made life easier for everyone in each aspects of life such as education, health, and communication. With these benefits there are also negative impacts of the advancement in technology to society. These may include the loss of skills, loss of knowledge, loss of jobs and depletion of resources. So, the advancement in technology is a benefit to society but also has negative impacts. To rely on technology to do basic task will result in the loss of certain skills. In other words, the more technology advances and the more society uses technology, it will become difficult to reduce the dependency on technology to

do basic task. However, what matters is how a society uses technology. Technology was created by humanity and is programmed by humanity. It should therefore be used for the benefit of society.

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Ezannas Moses- A graduate student in Technical Management of DeVry University- Small Business Management and Entrepreneurship. There are many challenges that we encounter in life, but we must always persevere and conquer these challenges. We all have a goal we want to accomplish, a future we hope to obtain and a choice to be made. The path may not always be laid out for us, but is what you do next, is what matters the most in life. Always pursue your goals, as there are no greater rewards than self-fulfilment and personal development.