Role of Technology Towards Humanity and Society

Pawandeep Kaur,
School of Electronics and Electrical Engineering, Lovely Professional University, Phagwara, India.

Abstract
To make things clear on role of technology toward humanity and society, we did a small research to access the thinking of people on what they feel about this whole scenario and how important is the involvement of such advanced technologies in our present and future life.

Keywords: Humanity, Society, Technology, Pilot Study

Introduction
The analysis of technology toward humanity and society data is described below:

How likely is it that technology will take over humanity? (5 being highly likely)

The graph in figure 1 shows that 96% of people according to the survey believe that there is a quite high chance of technology taking over in the future and the pace at which we are researching in all the fields certainly points in that direction as well.
Would you be comfortable being surgically treated by a highly-skilled but completely independent AI robot or you would trust a human being more?

Figure 2: Humans still the preferable option for jobs like performing surgery

Almost 84% of the people would still feel safe undergoing a surgical operation by a normal human being rather than a highly skilled independent AI robot.

How likely is it for trans-humanism and genetic engineering to increase new racism and discrimination? (5 being highly likely)

Figure 3: Possibility of trans-humanism and genetics resulting in racism

This was a hypothetical situation and it may or may not eventually become true as we can see some people believe that this can give rise to racism and discrimination while an almost equal group of people think that this is unlikely.
How do you see technology?

Figure 4: Technology is just an addition to human capabilities

According to 52% of people, technology to them is just an add on to human capabilities and 40% of people that it is a basic need around which our lives should revolve.

What is the most important feature you will look for in an AI robot?

Considering the most important feature in an AI robot that people look forward to, there was quite a mixed response. Some felt speed and accuracy are the most important while some believe a robot with greater adaptability skills and instantaneity to react to situations would account for a better robot.

Figure 5: The most important feature of an AI robot
What is your perspective about automation in industry-leading to job cuts?

**Figure 6: Technology replacing human jobs**

Most of the people believe that automation in the industry helps to replace repetitive work and as far as it is limited and reducing unwanted human work, it is a great thing.

**How comfortable would you be if your every move is being recorded and analyzed to collect data for deep learning of the AI machines? (5 being fairly comfortable)**

**Figure 7: Data being recorder for machine learning**

Our data is being recorded on the World Wide Web and social media applications. In real life, China monitors and records every step of its citizens and just 4% of people think that they will be fairly comfortable if every step is monitored.
What is the actual reason, in your opinion, behind all the development in the field of modern technology?

According to most people, all the developments in the field of technology are made to make the life of humans easier and much more comfortable.

Would all these technological advancements result in an even more rapid environmental decline of our planet?

According to the survey, it is quite uncertain whether these technological advancements and AI robots would bring a positive impact on the environment or would affect the environment adversely.

Conclusion:
The detailed study shows that there is a subsequent impact of the technology on humanity as well as society in each aspect of the society need. Thus humanity is safe only till the day technology is treated as beneficiary on to human capabilities which reduces human work and makes our life easier and much more comfortable. The day technology starts taking our decisions and controlling us directly or indirectly is the day when the end of humanity would start.
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