**1) As people rely more and more on technology to solve problems, the ability of humans to think for themselves will surely deteriorate.**

Write a response in which you discuss the extent to which you agree or disagree with the statement and explain your reasoning for the position you take. In developing and supporting your position, you should consider ways in which the statement might or might not hold true and explain how these considerations shape your position.

1. 便利使人依赖科技，individual problem solving 能力下降。become slaves of technology 例如 calculator。确实有可能思维能力下降。如: 遇到问题，不自己想办法，而是求助于网络 google。
2. 技术可以节省时间提高效率，留出时间做更重要的 intellectual work 例如information management system; business owners be clear about the inventory。人们追求更多的休闲时间，从而 有了更高效的工作。例如 data analysis，在大数据领域，人们获取的大量的好几个 G 的数据，通过电脑处理，机器学习。如果没有电脑，全部人工算的话，就会大大降低效率 。除此以外，生活水平提高，解决许多问题，沟通没有了距离限制，举例，随着科技进步，学生可以通过远程教育进行交互、开发式学习，比如在mooc上一个人提问，同时有千万个不同地区的人可以为你解答
3. 技术支持下的复杂问题解决过程引发更深入的智力活动随着科技的发达，我们也开始 思考许多原来没有考虑过的问题. 古希腊哲学家 ancient Greek philosopher 说的圆圈的故 事。If we compare the known part of the world to the space within a circle, the unknown part of the world around the circle grows as the circle of our knowledge expands. 对于原来一些 问题的考虑更加全面。如:可持续发展(sustainable development)。technology provides people with effective instruments for intellectual work.如:宇宙探秘，基因遗传变异。

Is that true that machines are more and more useful, even indispensable for human beings to make decisions? I bet your answer is yes. Then, do you agree that we human being are going to be decided by those products? People’s opinions mainly fall into two categories, and I tagged them as the ‘mutually excusive’ oriented and ‘complementary relationship’ oriented. The ‘mutually excusive’ supporters regard technology as the most significant reason that the ability of human are reducing. Meanwhile, the ‘complementary relationship’ believers asserts technological products is just a tool to help human beings doing their own decision. Both sides justify themselves with sound reason. From my perspective, although technology is a double-edged sword, in most cases, it could serve human interests rather than harm.

The ‘mutually excusive’ supporters may argue that it is possible that people may become the slaves of technology. A good case in hand is the calculator. Calculation is the base of mathematics, but with the popularity of calculators, it’s more and more common that people use a calculator when paying their credit card or buy stuff. Calculators provide lots of convenience and cause individual problem solving reduced. Another example is AlphaGo, a narrow AI computer program developed by Alphabet Inc.'s Google DeepMind. Since AlphaGo beats Lee Sedol in a five-game match, some people pronounce the eventual victory of the machine over nature. Human intelligence is surpassed by Artificial intelligence in many aspects, such as high-speed computing and data mining. In short, this AI-inspired future is profoundly depressing for many people, bringing with it a world where human creativity and uniqueness has been replaced by the standardization of robots.

Nevertheless, the ‘complementary relationship’ believers could also demonstrate technology is a computational implement to help human save time and improve them efficiency. Take Big Data, a term for data sets that are so large or complex that traditional data processing application software is inadequate to deal with them, as example, typically scientist and engineering have to exert machine learning, a computational model, to help them analyze data. They use the results of these computations to devote themselves to more creative and meaningful work. Moreover, machines can’t think, certainly not in the way that humans do. They just execute the algorithms that run on them. Algorithms, unique bits of code that make computations, are designed and powered by human beings. Ultimately, technology serves up adverts, content or services to us users and is beneficial for us.

Furthermore, the most species-defining characteristic of human beings is that they could can create things, like concepts, business models and ideas; while, machines are good at computing. Human and computer are in different dimension and collaborating together make an unbeatable combination. The nature of collaboration is to partner with others to transcend our own limitations. As machines become more sophisticated and also harness much of our skills, they begin to complement and augment us. One example is Foodborne Chicago, which uses computers and code to search Twitter for tweets related to food poisoning. From computer-generated leads, humans take over to determine if there was likely a case of food poisoning. The result has been additional restaurant inspections in Chicago that would not have occurred otherwise. To sum up, technology provides people with effective instruments for intellectual work.

**26) The luxuries and conveniences of contemporary life prevent people from developing into truly strong and independent individuals.**

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