

1級「要約」問題 1

- Instructions: Read the article below and summarize it in your own words as far as possible in English.
- Suggested length 90-110 words.
- Write your summary in the space provided on your answer sheet. Any writing outside the space will not be graded.

Thanks to the great strides taken by AI over recent years, many people are convinced that robots will be able to do anything a human can in the not too distant future. We are seeing AI have genuine conversations, create works of art and develop new medicines, and thus the ceiling for AI technology looks to be astronomically high.

However, although AI has improved significantly, that is purely the result of feeding millions of data samples into an algorithm for a solitary task. The amount of computing power necessary to make further progress is huge and something the current generation of computer chips are unable to handle. Therefore, rather than accelerate, the pace at which AI develops is likely to drop off substantially. Even though efforts to increase the processing power of chips will reap some benefits, major milestones like driver-less cars and perfect real-time translations would require far more power than is feasible possible.

This is without even mentioning the detrimental impact on the environment that would be caused by attempts to advance AI even further. The cooling needed for computers to be able to do the next level of processing would require unimaginable amounts of energy. The upshot of cooling these chips would include massive increases in carbon emissions that would significantly accelerate the climate crisis which is already a grave issue as is.

解答欄
