Difficulty Iv: 1/5



Commonly seen words Less common Sentence structures/ others

Yes, Al could profoundly disrupt education. But maybe that's not a bad thing

() theguardian.com/commentisfree/2023/jul/14/ai-artificial-intelligence-disrupt-education-creativity-critical-thinking

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Illustration: Deena So Oteh/The Guardian

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Be good at

Humans need to excel at things AI can't do – and that means more creativity and critical thinking and less memorisation

Education strikes at the heart of what makes us human. It drives the intellectual capacity 繁榮 and prosperity of nations. It has developed the minds that took us to the moon and 消滅 eradicated previously incurable diseases. And the special status of education is why <u>f</u>生產力的 generative AI tools such as ChatGPT are likely to profoundly disrupt this sector. This isn't extremely a reflection of their intelligence, but of our failure to build education systems that nurture 培養

and value our unique human intelligence.

tricked

We are being duped into believing these AI tools are <u>far more intelligent</u> than they really are. A <u>tool like ChatGPT</u> has no understanding or knowledge. It merely <u>collates</u> bits of ^{Collects anc} words together based on statistical probabilities to produce useful texts. It is an incredibly^{combines} helpful assistant.

Abstract idea

But it is not knowledgable, or wise. It has no **concept** of how any of the words it produces relate to the real world. The fact that it can pass so many forms of assessment **merely** just reflects that those assessments were not designed to test knowledge and understanding but rather to test whether people had collected and memorised information.

Of great amount

Al could be a force for tremendous good within education. It could release teachers from 行政 administrative tasks, giving them more opportunities to spend time with students.

badly However, we are woefully equipped to benefit from the AI that is flooding the market. It does not have to be like this. There is still time to prepare, but we must act quickly and

Al has been used in education for more than a decade. Al-powered systems, such as 分析 Carnegie Learning or Aleks, can analyse student responses to questions and adapt learning materials to meet their individual needs. AI tools such as TeachFX and Edthena can also enhance teacher training and support. To reap the benefits of these 獲得 technologies, we must design effective ways to roll out AI across the education system, and regulate this properly.

. 根本地 Staying ahead of AI will mean radically rethinking what education is for, and what success means. Human intelligence is far more impressive than any AI system we see today. We possess a rich and diverse intelligence, much of which is unrecognised by our current education system.

knowledgable

wisely.

We are capable of sophisticated, high-level thinking, yet the school curriculum. 僵硬的 particularly in England, takes a rigid approach to learning, prioritising the memorising of facts, rather than creative thinking. Students are rewarded for rote learning rather than critical thought. Take the English syllabus, for instance, which requires students to learn quotations and the rules of grammar. This time-consuming work encourages students to assemblemarshal facts, rather than interpret texts or think critically about language. and Understand

arrange Our education system should recognise the unique aspects of human intelligence. At school, this would mean a focus on teaching high-level thinking capabilities and designing a system to supercharge our intelligence. Literacy and numeracy remain fundamental, but 基本 now we must add AI literacy. Traditional subject areas, such as history, science and geography, should become the context through which critical thinking, increased creativity and knowledge mastery are taught. Rather than teaching students only how to collate and memorise information, we should prize their ability to interpret facts and weigh up the evidence to make an original argument.

Failure to change isn't an option. Now these technologies are here, we need humans to excel at what AI *cannot* do, so any workplace automation complements and enriches our lives and our intelligence. Makes perfect

This should be an amazing opportunity to use AI to become much smarter, but we must 面對 ensure that AI serves us, not the other way round. This will mean confronting the profit-緊逼的事driven <mark>imperatives</mark> of big tech companies and the <mark>illusionist</mark> tricks played by Silicon Valley. 幻術師 It will also mean carefully considering what types of tasks we're willing to offload to AI.

可有可無的 give Some aspects of our intellectual activity may be dispensable, but many are not. While give Silicon Valley conjures up its next magic trick, we must prepare ourselves to protect what 變魔術 we hold dear - for ourselves and for future generations.

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