



Three Wise Kangaroos

ChatGPT: a double-edged sword?

Lead-in

1. Do you read news stories connected with technology? What recent advances in technology have you heard of?
2. Have you heard of ChatGPT? What do you know about it?

Video

Watch the video and answer the questions.

<https://www.youtube.com/watch?v=dctcfw13AQ>



1. What is a chatbot?
2. What can generative AI chatbots do?
3. What is at stake for companies like Google?
4. What's the main difference between search engines like Google and conversational AI, according to Jon Henshaw?
5. What is a hallucination?
6. What strange behaviours can chatbots demonstrate?
7. What is *the ELIZA effect*?
8. What implications does *the ELIZA effect* have for the chatbots of today?
9. What does the company Replica offer its customers? How many active users does it have?
10. What is the Turing test? What could counterfeiting humans be used for?
11. What are the current legal issues with chatbots?
12. What is Jon Henshaw's biggest concern when it comes to chatbots?
13. How could conversational AI change the way we use the internet?

Over to you

1. Did you find any of the facts presented in the video surprising? If so, which ones?
2. Do you think ChatGPT poses a real threat to Google's lucrative search engine business? What are its advantages over Google? What are its shortcomings?
3. Which uses of generative AI do you agree with? Talk about:
 - creating art
 - creating music
 - writing essays
 - writing books
 - replacing humans on helplines and in customer service
 - planning itineraries and business meetings
 - offering an AI avatar for casual conversations



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4. Do you think individuals and companies have the right to sue AI art generators for copyright infringement?
5. What are your thoughts on *the ELIZA effect*? Are there any risks connected with humans bonding with machines?
6. Do you think that re-creating a friend or a family member in the form of an AI avatar makes it easier for us to come to terms with a loss and deal with grief?
7. What do you make of the fact that Replica has over 2 mln active users worldwide?
8. Do you believe, like Eugenia from Replica, that in ten years' time each of us will have an AI companion that will always be there with us?
9. What do you think about the risk of the internet being flooded with false information? What consequences could it have? Are you worried it could lead to a dystopia?
10. Do you agree with the video that conversation AI could do away with the open web, make us less curious and make creators less likely to publish their work online?
11. Since conversational AI has already come under fire for putting forward racist and bigoted opinions, should the adoption of this technology be halted until it has been improved?

Vocabulary

Match the halves to make useful collocations.

to follow	hype, fearmongering and informed concerns
to steal	feelings for a machine
to separate	suit
to develop	in popularity
to gain	Google's crown

Match the halves to make useful collocations

to interact	from the companionship AI can offer
to trigger	with machines
to benefit	a positive emotional response
to do	falsehood and misinformation to spread
to allow	something without consent

Match the halves to make useful collocations

to come	to dystopia
to do away	existing books without any citation
to parrot	misinformation easily
to lead	under fire for putting forward racist and bigoted opinions
to generate	with the open web



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Challenge

Read an article from *The Guardian* in which the man widely seen as the godfather of AI, Geoffrey Hinton, talks about the dangers of the technology he helped create. Write a letter to Geoffrey Hinton in response to his latest revelations.

<https://www.theguardian.com/technology/2023/may/02/geoffrey-hinton-godfather-of-ai-quits-google-warns-dangers-of-machine-learning>

