CHATGPT, LAW, ETHICS AND THE DIGITAL INTEGRITY ARMS RACE

Jeannie Paterson

Professor of Law

Centre for AI and Digital Ethics

University of Melbourne

ACKNOWLEDGEMENT OF COUNTRY

OVERVIEW

Nick Cave

'This song sucks': Nick Cave responds to ChatGPT song written in style of Nick Cave

Singer-songwriter dissects lyrics produced by popular chatbot, saying it is 'a grotesque mockery of what it is to be human'

Sian Cain

🐦@siancain

CHATGPT

How does ChatGPT work?

We asked ChatGPT3 this question. Here is its output:

"AI text generators typically use a technique called neural language generation, which involves training a neural network on a dataset of text. The network learns patterns in the text and can then generate new text that is similar to the training data. This is often done using a type of neural network called a recurrent neural network (RNN), which is able to process sequences of input (such as a sentence or a paragraph) and generate a corresponding sequence of output (such as a response or a new sentence). The specific details of how a text generator works can vary depending on the architecture and training data used."

WHAT ARE THE CHALLENGES OF CHATGPT?

ChatGPT

☼ Examples

"Explain quantum computing in simple terms"

"Got any creative ideas for a 10 year old's birthday?"

"How do I make an HTTP request in Javascript?"

⚡ Capabilities

Remembers what user said earlier in the conversation

Allows user to provide follow-up corrections
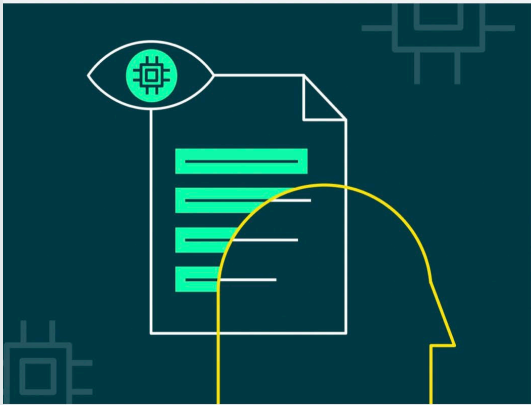
Trained to decline inappropriate requests

⚠ Limitations

May occasionally generate incorrect information

May occasionally produce harmful instructions or biased content

Limited knowledge of world and events after 2021

THE ARMS
RACE

The Law

A person is liable for losses caused by misleading or false information regardless of whether they relied on a chatbot ...

The use of text to generate output may be fair use as opposed to a copy right infringment (stay tuned)

Ethics

Fair

Equitable

Good for humans

Accountable

Transparent

Concluding thoughts?

Less hype and less fear?

ChatGPT is a tool but not a friend.