

ChatGPT in het onderwijs

Anthony Longo

22 maart 2024

Agenda

- I. Wat kan ChatGPT doen?
- II. Wat kunnen we met ChatGPT doen?
- III. Wat mogen we met ChatGPT doen?

I. Wat kan ChatGPT doen?

Exclusive: 42% of CEOs say AI could destroy humanity in five to ten years

andreesen.
horowitz



By Matt Egan, CNN Business

🕒 4 minute read · Published 1:38 PM EDT, Wed June 14, 2023

Why AI Will Save the World

Marc Andreessen

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NEWS > TECHNOLOGY UK

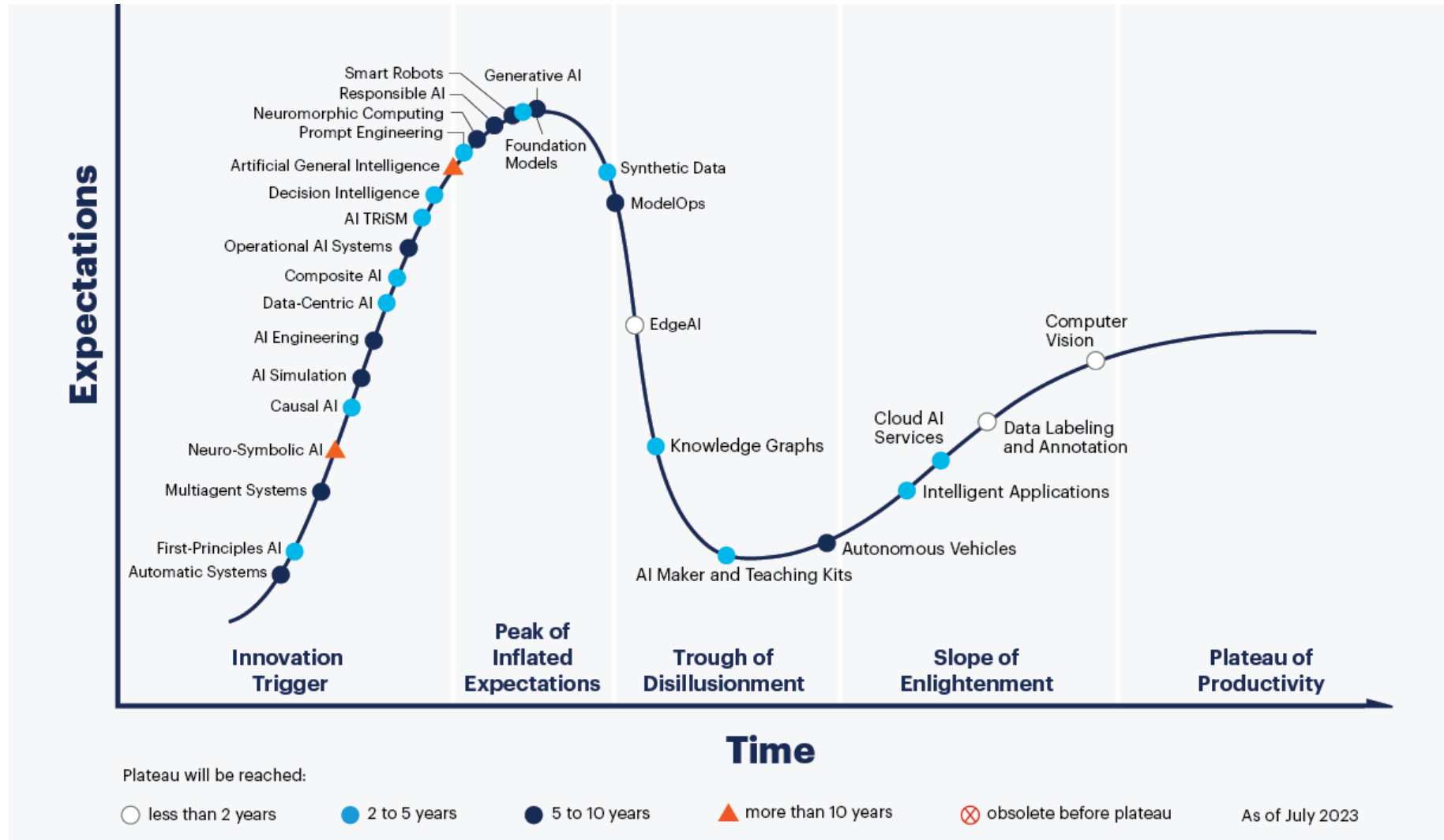
AI will 'change everything,' Tony Blair warns world's politicians

The former UK PM warns artificial intelligence will define 'the shape of the world.'

How Could A.I. Destroy Humanity?

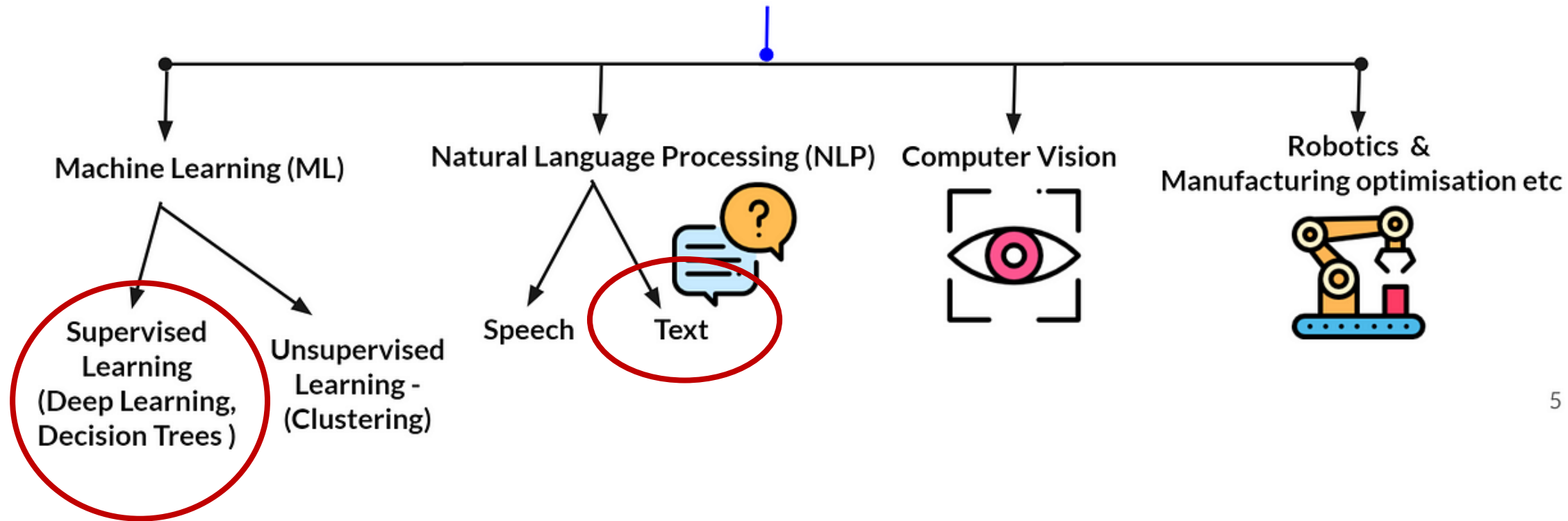
Researchers and industry leaders have warned that A.I. could pose an existential risk to humanity. But they've been light on the details.

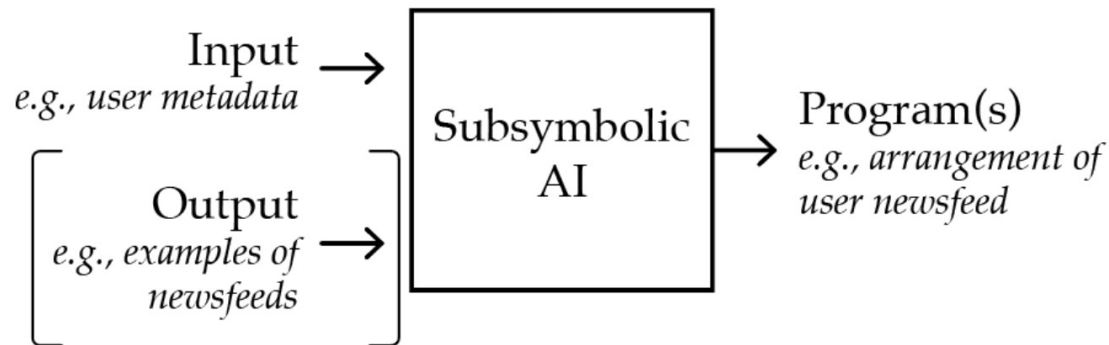
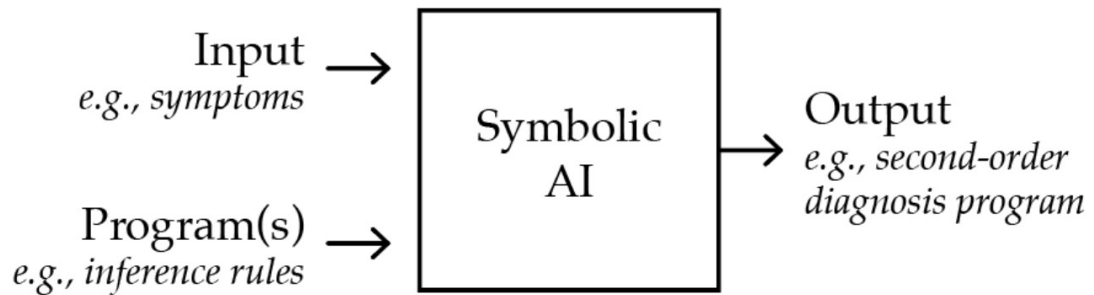
I. Wat kan ChatGPT doen?

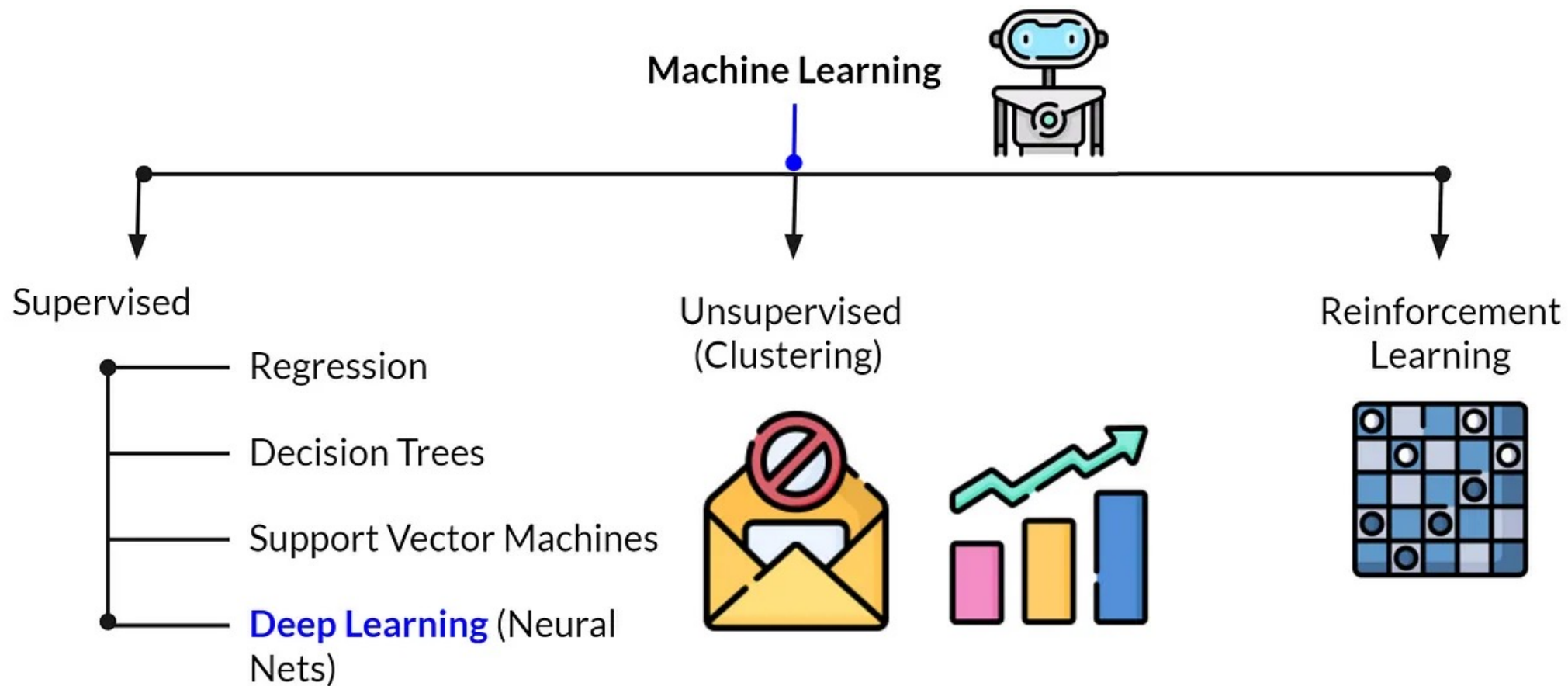


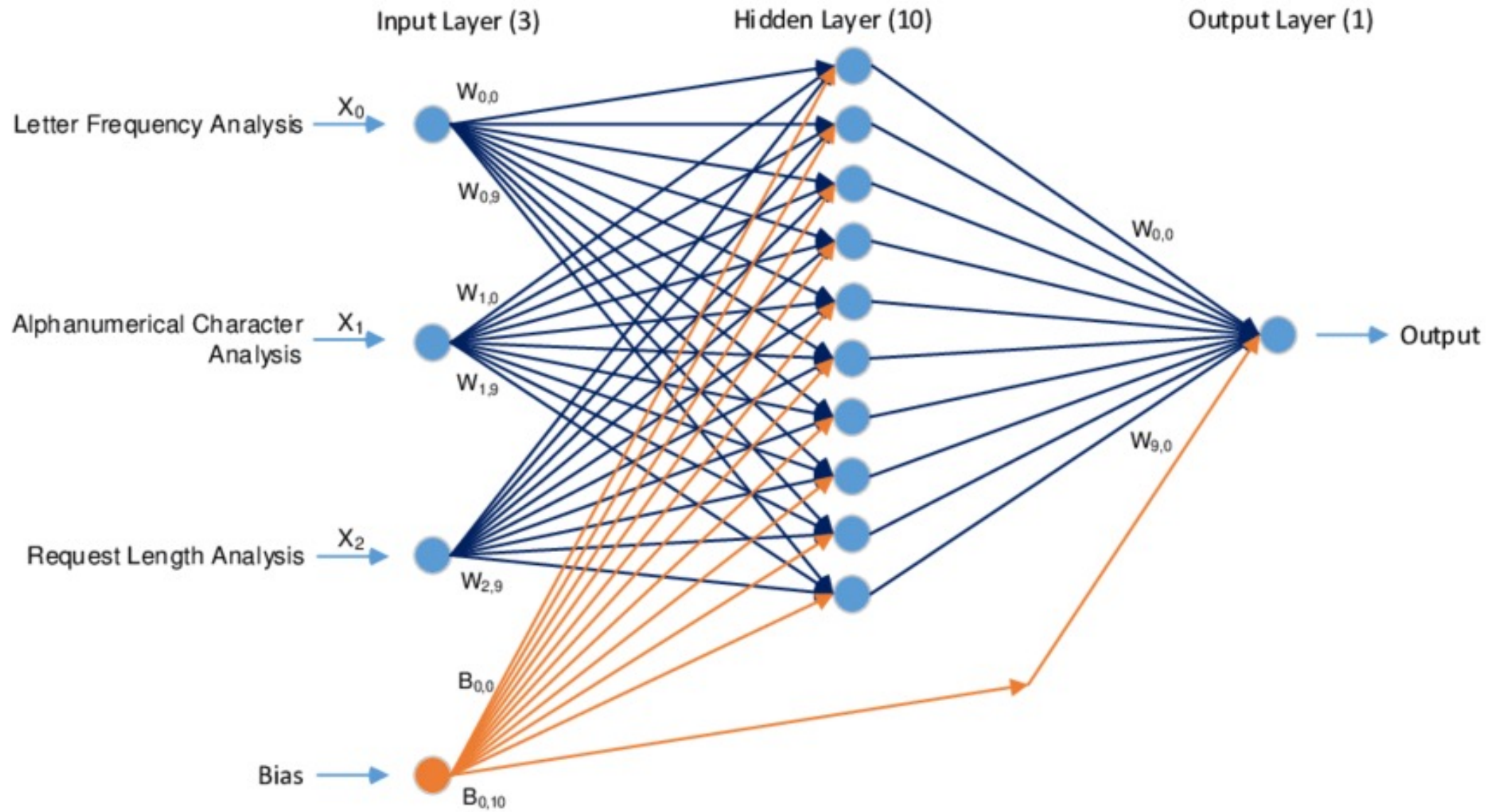


Artificial Intelligence









Tekst

Ik ben geobsedeerd door data



Tokens

ik	ben	geobsedeerd	door	data
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Vectoren

$\begin{bmatrix} 1.1 \\ -0.5 \\ 0.6 \\ 0.8 \end{bmatrix}$	$\begin{bmatrix} -0.2 \\ 0.8 \\ -0.2 \\ -0.2 \end{bmatrix}$	$\begin{bmatrix} -0.6 \\ 0.3 \\ 0.6 \\ -0.5 \end{bmatrix}$	$\begin{bmatrix} 0.3 \\ -0.1 \\ -0.7 \\ 0.5 \end{bmatrix}$	$\begin{bmatrix} 0.8 \\ 0.7 \\ -0.2 \\ -0.7 \end{bmatrix}$
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← Token ID



Model



← kansverdeling



Uitkomst

Toepassing DL →

II. Wat kunnen we met ChatGPT doen?

Tekstgeneratie/-adaptie

- Zoekmachine
- Teksten maken
- Eigen teksten aanpassen

Tekstanalyse

- Patronen herkennen
- Antwoorden vinden
- Gebreken identificeren

Dialog

- Leerstof testen
- Intuïties testen (zelf/GPT)
- Dialog

III. Wat mogen we met ChatGPT doen?

III.1 Mens-technologie relaties

III.2 Ethische risico's

III.3 Maatschappelijke risico's

III. Mens-technologie relaties

Human-out-of-the-loop

- Als vervanging

Human-on-the-loop

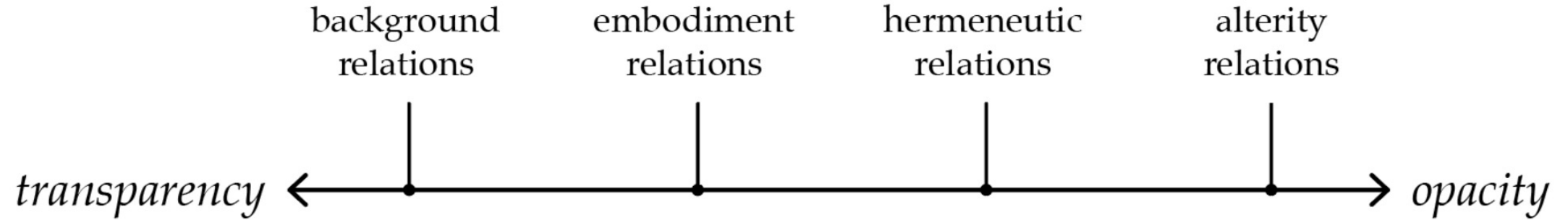
- Als assistent
 - Tending the machine
 - Managing the machine

Human-in-the-loop

- Als hefboom

Verandert werk

III. Mens-technologie relaties



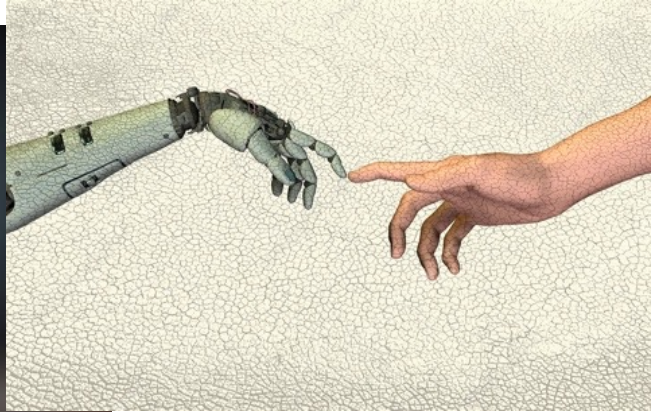
III.2 Ethische risico's

Bias/discriminatie

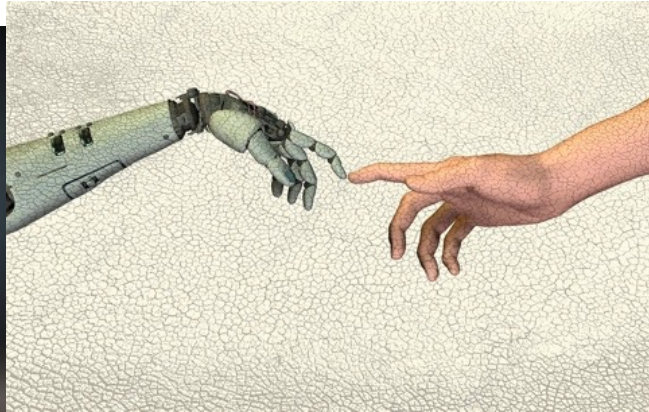
Eigenaarschap

Privacy

III.3 Maatschappelijke risico's



III.3 Maatschappelijke risico's



Mines

① Issues

- Hard labour
- Forced labour
- Child labour
- Low paid labour
- Conflict minerals
- Environmental and working hazards



⚠ Hazards

Working

Accidents

- Cave-ins
- Flood
- Gas explosions
- Chemical leakage
- Electrocution
- Fires

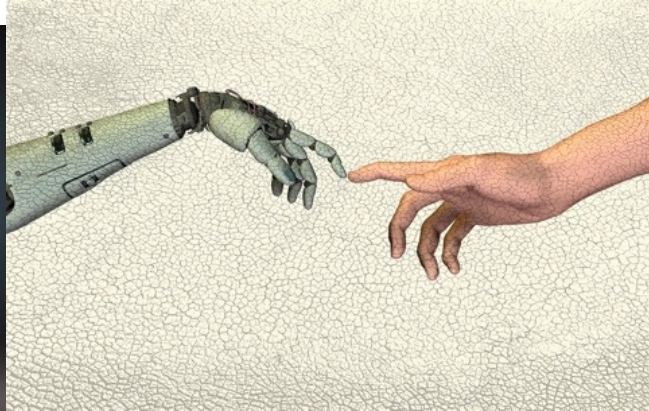
Health risks

- Dust
- Radon
- Welding fumes
- Mercury
- Noise
- Heavy loads

Environmental

- Erosion
- Formation of sinkholes
- Loss of biodiversity
- Devastation of surrounding vegetation
- Contamination of soil
- Acid rock drainage
- Contamination of ground and surface water
- High concentrations of arsenic, sulfuric acid, and mercury
- Affecting health of the local population
- Noise dust and visual pollution
- Deforestation

III.3 Maatschappelijke risico's



ARTIFICIAL INTELLIGENCE > TRIBUNE ***The hidden labor force behind ChatGPT: The drama of the 'ghost workers'***

We need new labor standards in the artificial intelligence supply chain, mirroring changes in the textile industry



III.3 Maatschappelijke risico's

