

A decorative graphic of white circuit lines on a pink background. The lines form a large rectangular frame on the left and right sides, with a horizontal line at the bottom. The lines are connected by small white circles, resembling a circuit board or a stylized 'U' shape.

disajikan dalam

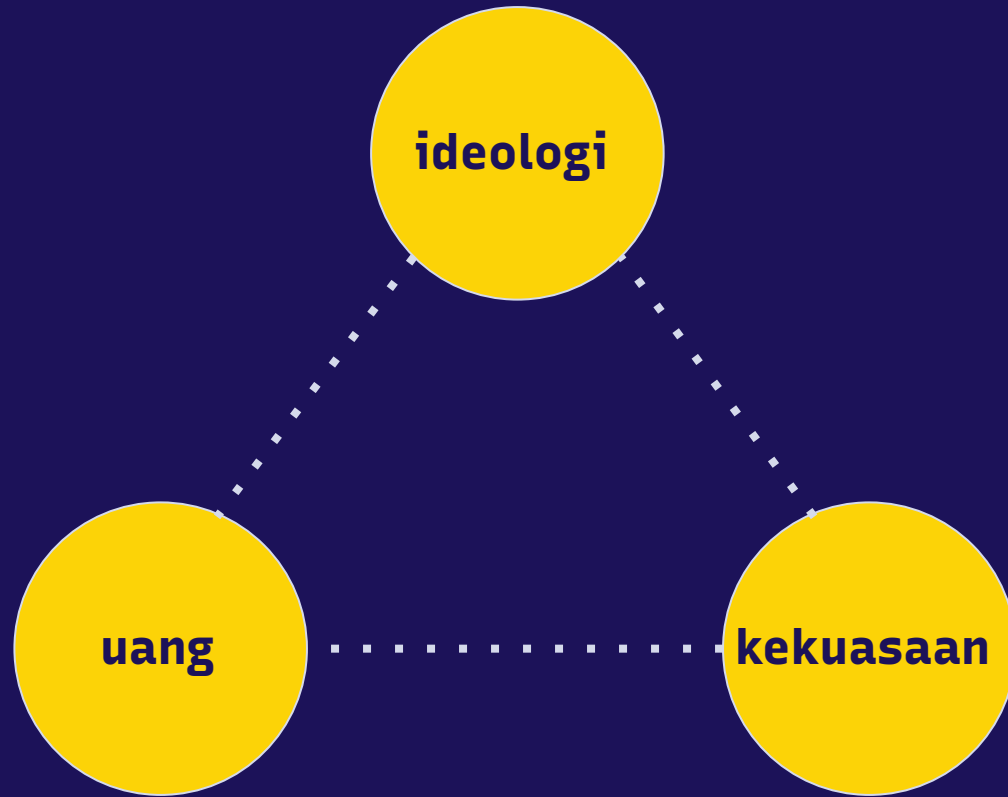
Jalur 1 ▪ Jalur 2 ▪ Jalur 3

Masa Lalu, Masa Kini, dan Masa Depan AI

Apa yang akan kita bahas dalam modul ini

- Definisi akal imitasi (AI)
- Evolusi AI sepanjang sejarah
- Paradigma pengembangan AI modern

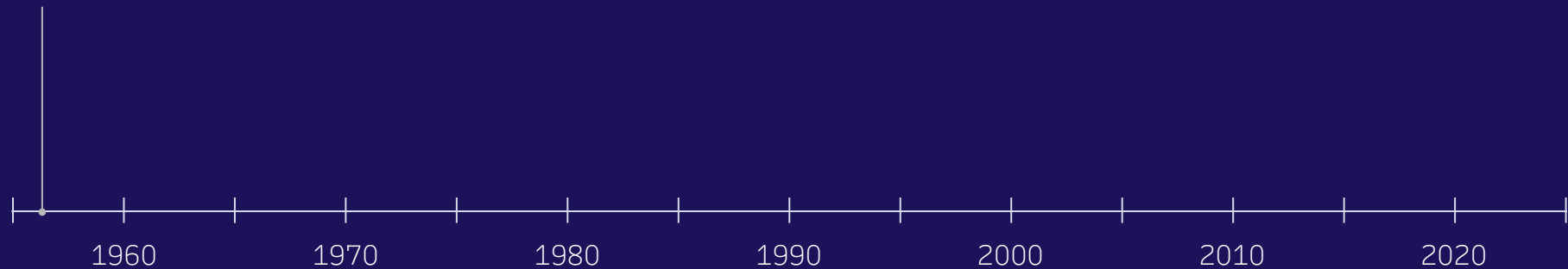




akal imitasi, n.

sebutan untuk kumpulan teknologi yang dimaksudkan untuk meniru kemampuan manusia

"akal
imitasi"

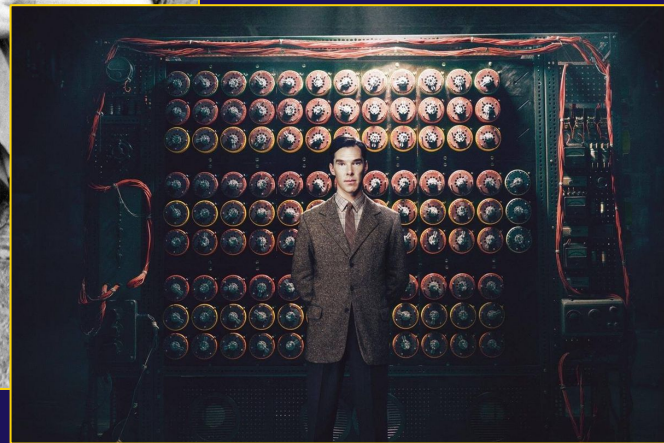




Marvin Minsky

John McCarthy

"akal
imitasi"



"akal
imitasi"

ELIZA

Welcome to

```
EEEEEE LL      IIII ZZZZZZZZ AAAAA
EE      LL      II       ZZ  AA  AA
EEEEEE LL      II       ZZZ  AAAAAAA
EE      LL      II       ZZ  AA  AA
EEEEEE LLLLLL IIII ZZZZZZZZ AA  AA
```

ELIZA: Is something troubling you ?

YOU: The weather

ELIZA: Tell me more about that.

YOU: The weather is awful

ELIZA: Please go on.

YOU: That's it

ELIZA: Does talking about this bother you ?

YOU: It is

ELIZA: Tell me more about that.

YOU: █

1960

1970

1980

1990

2000

2010

2020

Hai Eliza, aku merasa sedih hari ini

Mengapa kamu **merasa sedih hari ini?**

Temanku mengatakan sesuatu yang menyakitkan padaku.

Apakah menurutmu normal jika **temanmu mengatakan sesuatu yang menyakitkan padamu?**

“akal imitasi”

ELIZA

Welcome to

ELIZA: Is something
YOU: The weather
ELIZA: Tell me more
YOU: The weather
ELIZA: Please go on
YOU: That's it
ELIZA: Does talking
YOU: It is
ELIZA: Tell me more
YOU: █



Welcome to
ChatGPT

This official app is free, syncs your history across devices, and brings you the latest model improvements from OpenAI.



ChatGPT can be inaccurate

ChatGPT may provide inaccurate information about people, places, or facts.



Don't share sensitive info

Anonymized chats may be reviewed by our AI trainers to improve our systems.

“kecerdasan umum buatan (AGI)”

ChatGPT



VISION
Sistem berbasis
aturan

VISION
Big data, sistem
komputasi besar

"akal
imitasi"

ELIZA

"kecerdasan
umum buatan
(AGI)"

ChatGPT



pengumpulan
data massal dari
internet

data + komputasi = AI

sumber daya
komputasi

VISION
Sistem berbasis
aturan

WHO
Akademisi +
pemerintah

VISION
Big data, sistem
komputasi besar

WHO
Perusahaan
teknologi raksasa

**"akal
imitasi"**

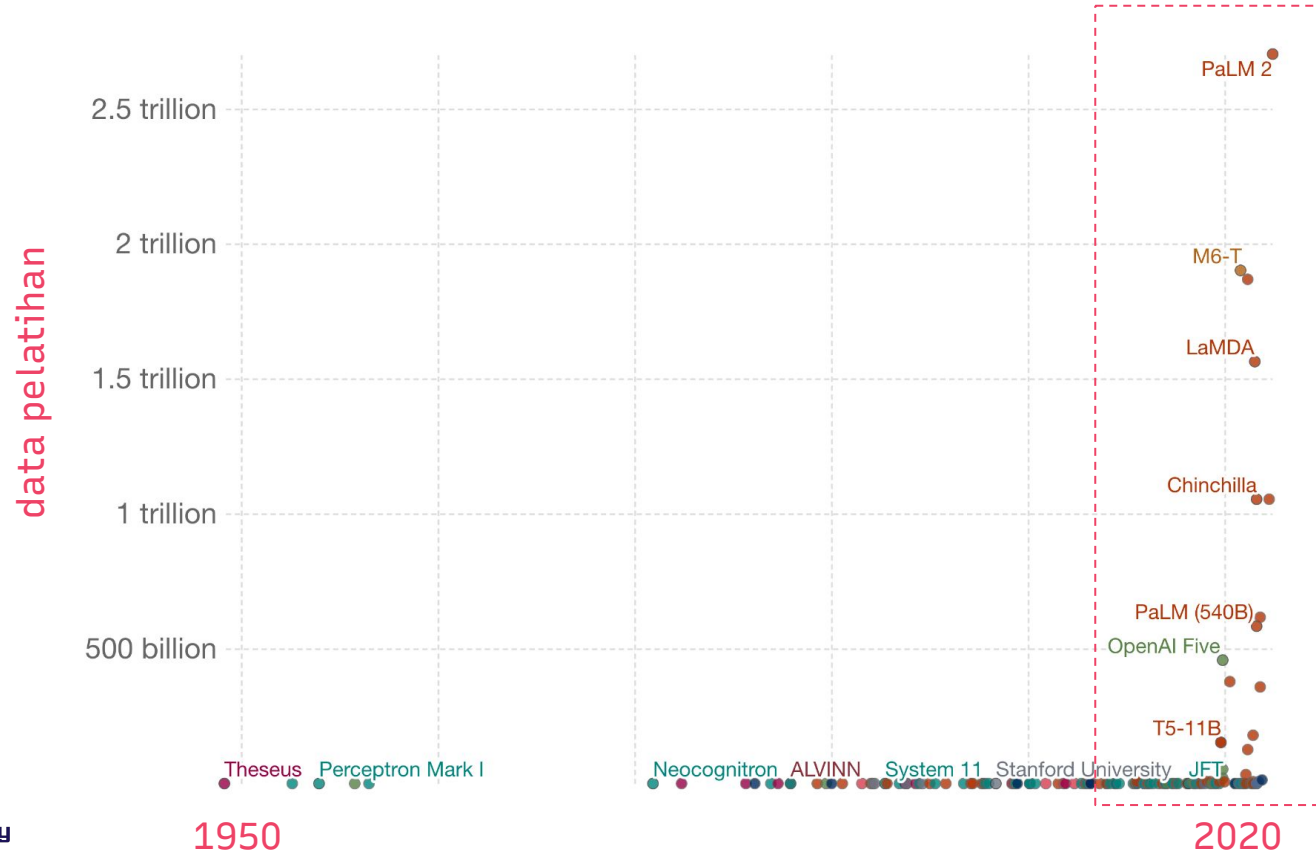
ELIZA

**"kecerdasan
umum buatan
(AGI)"**

ChatGPT



Sistem AI menggunakan... makin dan makin banyak data

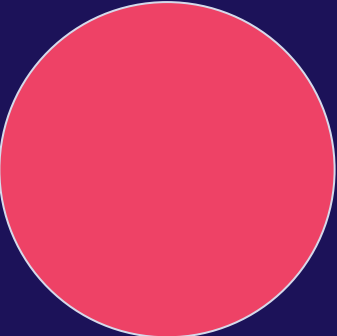


2019
GPT-2



1.5 miliar
parameter

2020
GPT-3



175
miliar

2023
GPT-4



perkiraan
1.8 triliun

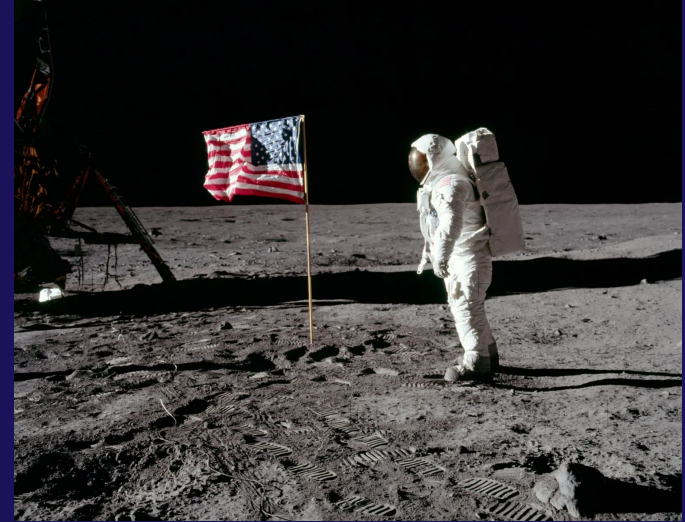
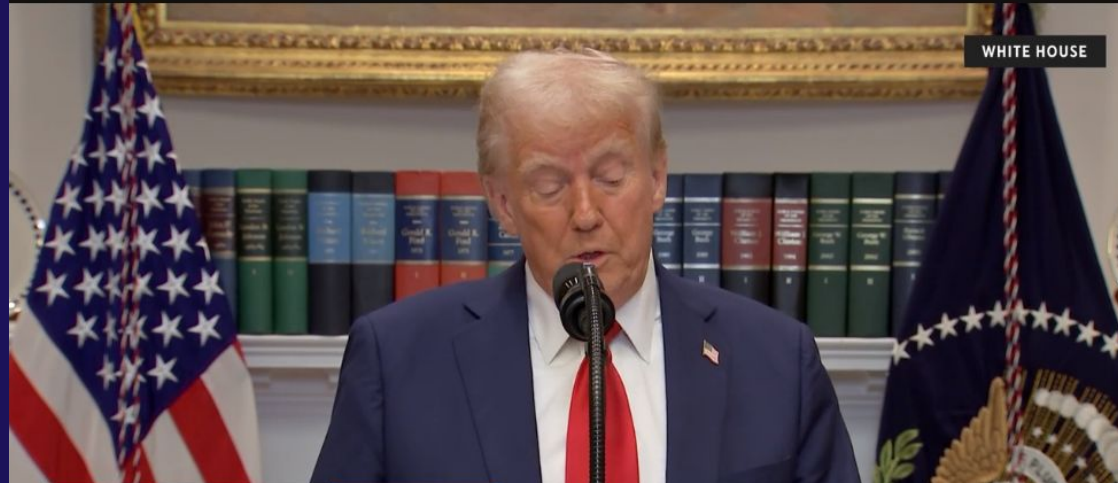
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POLITICS

Trump announces up to \$500 billion in private sector AI infrastructure investment

By Jennifer Jacobs
Updated on: January 22, 2025 / 4:00 PM EST / CBS News

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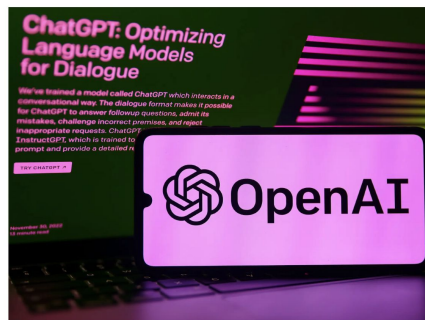
**\$25.8 miliar (1973)
~\$300 miliar (2025)**

Era Batasan

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Generative AI tools are quickly 'running out of text' to train themselves on, UC Berkeley professor warns

Gabriel Rivera Jul 11, 2023, 6:20 PM GMT+2



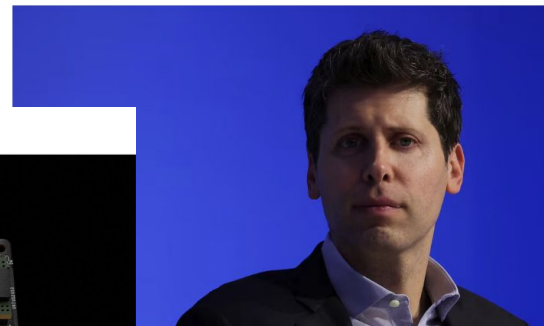
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Technology

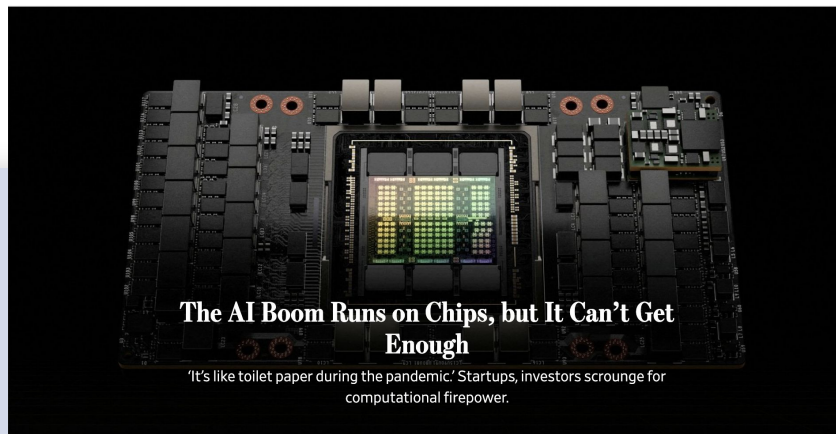
OpenAI CEO Altman says at Davos future AI depends on energy breakthrough

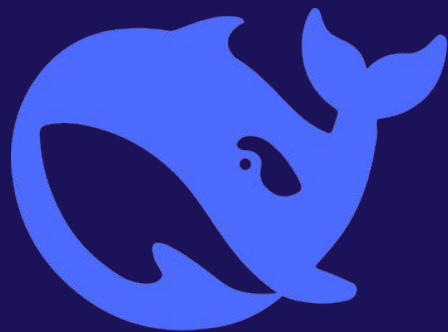
Reuters

January 17, 2024 1:39 AM GMT+8 · Updated 2 months ago



THE WALL STREET JOURNAL.





deepseek



 OpenAI

 Microsoft



 NVIDIA



 Google DeepMind



ANTHROPIC
amazon



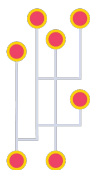
 Meta

Kesalahan umum saat meliput AI

- Menerima AI hari ini apa adanya tanpa mempertanyakan premis dasar dan asal usul bentuk AI hari ini.
- Menyebut istilah AI sebagai satu jenis teknologi alih-alih banyak macam teknologi.
- Mengutip pemimpin bisnis AI atau pihak lain yang memiliki ikatan finansial dengan industri AI sebagai “pakar” tanpa menyebutkan ikatan tersebut dengan jelas.
- Menyematkan karakteristik manusia pada AI, merepresentasikan AI sebagai “kecerdasan” yang mirip manusia.
- Melupakan bahwa ini adalah cerita tentang manusia.



AI Spotlight Series



**The AI
Accountability
Network**



Pulitzer Center