The Age Of Artificial Intelligence Has Begun

can respond

up to

25k

words



Al is one of the most profound things we are working on as a humanity. It is more profound than fire or electricity. Sundar Pichai, Alphabet CEO

Large Language Models (LLMs)

A significant breakthrough for AI, revolutionising how

trained on **100trn** parameters

equivalent to

numan brain)

machines can process and generate language

Predict words and sequences based on machine learning

> The launch of ChatGPT significantly expanded the addressable market and accelerated adoption

scored 100% in under

4 mins¹

Amazon's recruitment process includes a tough two hour online assessment

Coding has been one of the most immediate applications

of new drugs/ materials to be discovered by generative Al

"Explain quantum computing in Remembers what user said May occasionally generate earlier in the conversation ncorrect information "Got any creative ideas for a 10 Allows user to provide followyear old's birthday?" → May occasionally produce UP corrections rmful instructions or biased Content How do I make an HTTP Trained to decline inappropriate request in Javascript?" -Limited knowledge of world and events after 2021

ChatGPT

This could be just the beginning

Smartphones/internet puts

by 2025

Few barriers to Al deployment

Chat

GPT-4

technology in hands of 6bn+ ChatGPT people worldwide 100musers in 2 Generative AI months² •• requires no spend 6bn+ on behalf of the user 60% 2-3pp 25% 7%

Seizing the Al opportunity

Potential economic and societal impact

of workers are in occupations that did not exist in 1940³

of current work tasks could be automated by AI in the US and Europe⁴

Al adoption increases annual worker productivity growth by 2-3pp within firms³

Generative AI could add to Global GDP³

¹Source: Microsoft GPT-4 Research Paper, 13 April 2023. https://arxiv.org/pdf/2303.12712.pdf.

²Source: Piper Sandler (14 April 2023). https://economictimes.indiatimes.com/news/new-updates/chatgpt-witnesses-massive-rise-chatbot-gains-100-million-users-in-two-months/articleshow/98428443.cms. ³Source: Goldman Sachs, 26 March 2023; ⁴State of AI 2022, 11 October 2022. Welcome to State of AI Report 2022.

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