

Pengajaran & Pembelajaran Menggunakan Teknologi Kecerdasan Buatan (AI)

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BIN OTHMAN

Innovating Solutions



Siapa saya



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Johor Bahru

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Dr Shahizan | Lecturer & Software Enthusiast 🤖

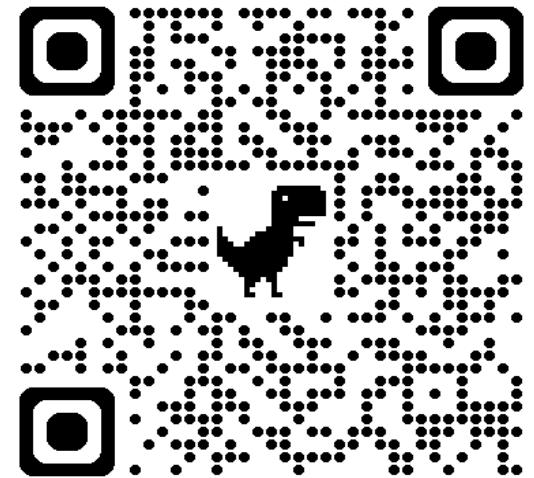
I'm a Lecturer at [Universiti Teknologi Malaysia \(UTM\)](#) passionate about education and fostering a love for software development. I'm constantly seeking opportunities to learn and contribute to the open-source community. Here's what I'm up to on GitHub:

- Working towards becoming a top GitHub contributor in Malaysia. 🇲🇾
- Committed to building a strong network within the developer community. Feel free to connect and share your ideas!.

Explore my projects below, and let's collaborate on something impactful! 😊

Courses

- [Research Design and Analysis in Data Science](#): A course that delves into the methodologies and analytical techniques in data science research.
- [Big Data Management](#): Focuses on the principles and practices of managing large and complex datasets.
- [High Performance Data Processing](#): Covers techniques and tools for processing data at high speeds for performance-critical applications.



<https://github.com/drshahizan>

Generatif AI

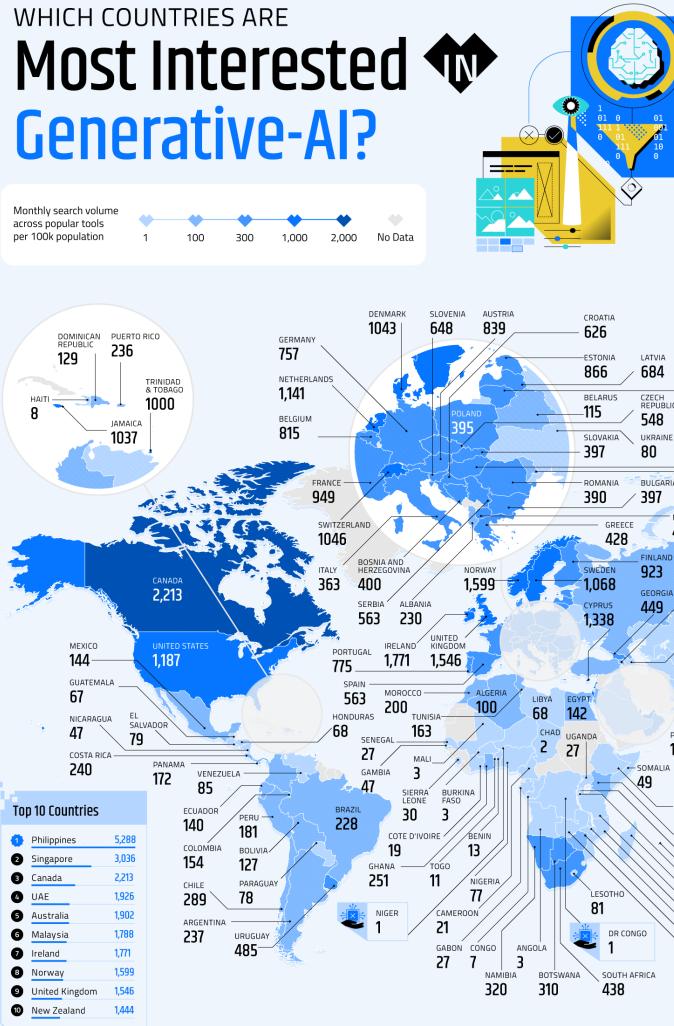


Generatif AI

Kecerdasan Buatan Generatif atau Generatif AI merujuk kepada teknik AI yang belajar daripada data untuk menghasilkan kandungan baru yang menyerupai tetapi tidak mengulangi data asal. Ini boleh termasuk teks, imej, video, dan media lain.



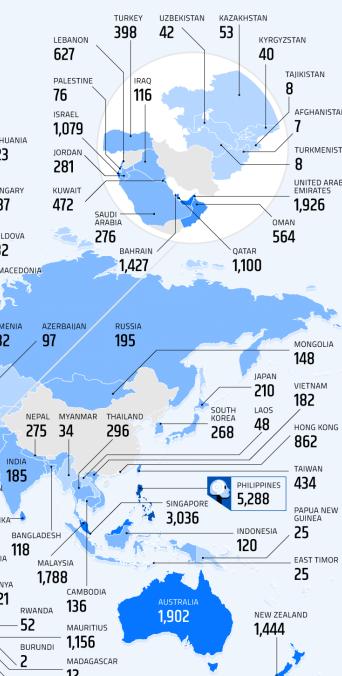
WHICH COUNTRIES ARE Most Interested IN Generative-AI?



Methodology: We built a seed list of over 90 of the most popular generative AI tools across four categories (text, voice, audio, and image). We then recorded the monthly Google search volume for each in every country, and calculated the overall volume across all tools per 100k population. All search volumes were scaled up according to the search engine market share in each country, using figures from statscounter.com.

Artificial Intelligence is taking the world by storm. Research by Goldman Sachs suggests that new technology has the potential to drive a 7% increase in global GDP by 2033. But which countries are most interested in this global phenomenon?

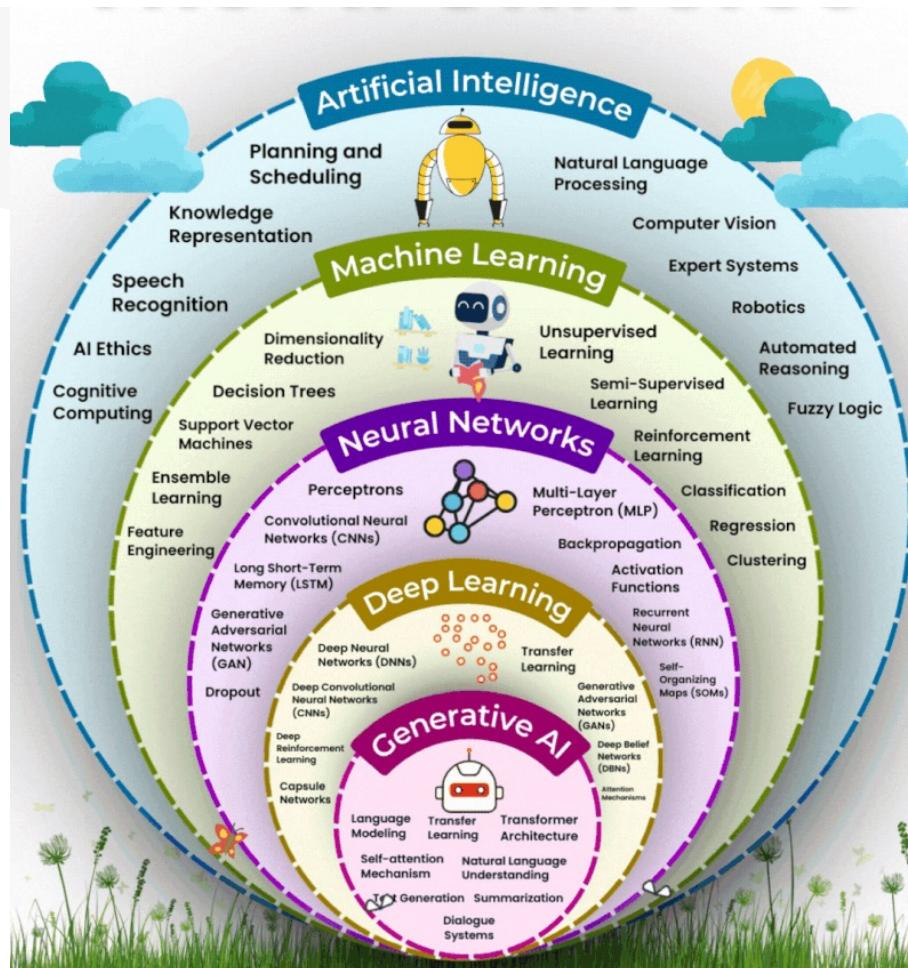
Our analysis shows that people in the **Philippines** are keenest on AI technology, with **5,288 searches** for popular generative AI tools per 100k of its population. Users in Singapore (3,036 searches per 100k) and Canada (2,213 searches per 100k) also have high levels of interest.



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ElectronicsHub

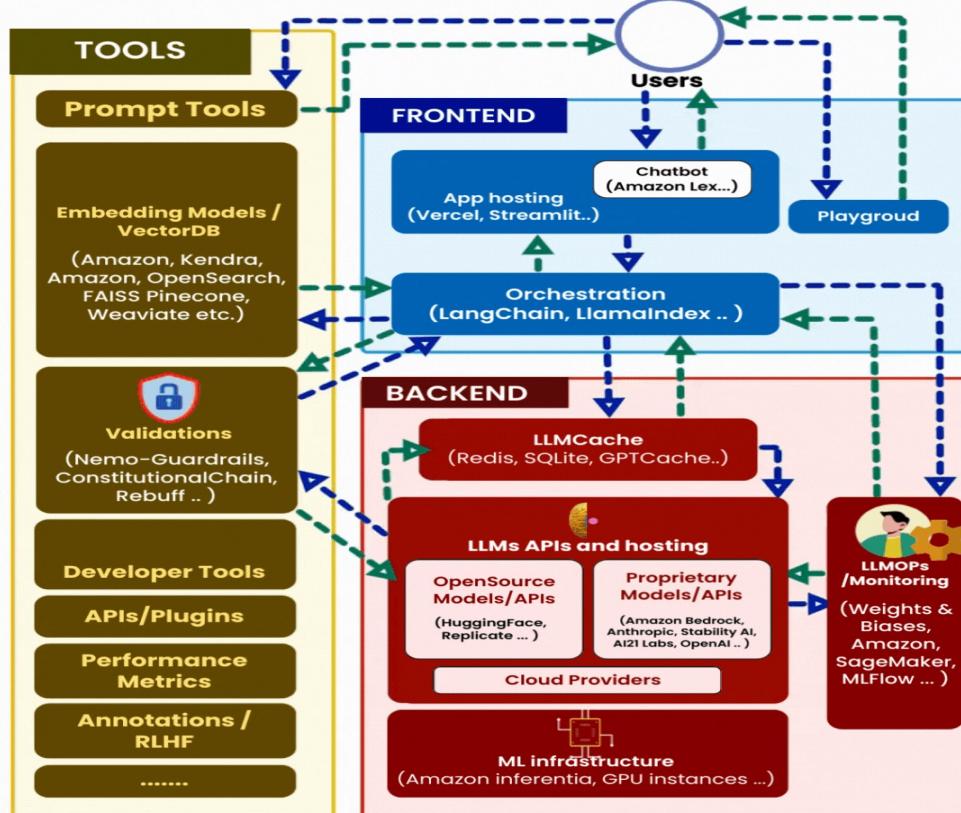
Dunia Kecerdasan Buatan





Created by:
Rocky Bhatia [in](#)

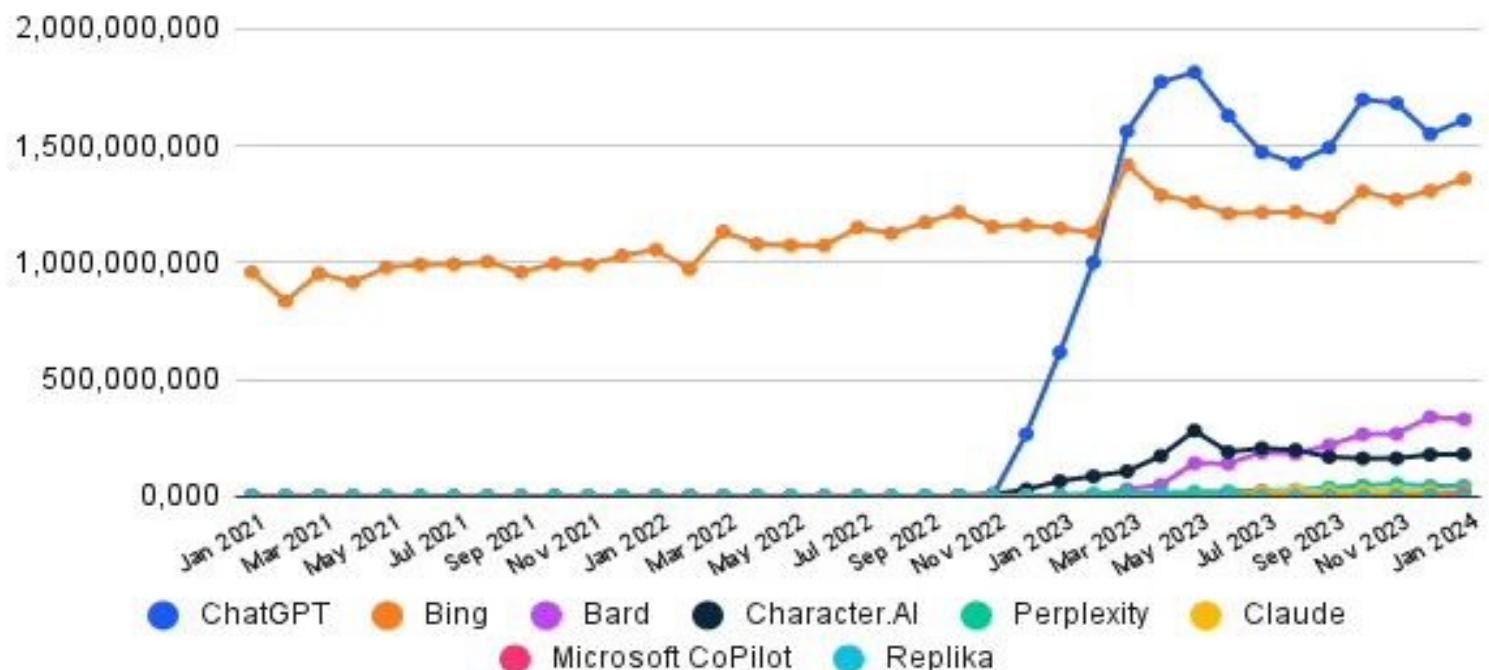
Generative AI Application Ecosystem



Perkembangan Generatif AI

AI Chat

Desktop & Mobile Web Visits Jan 2024

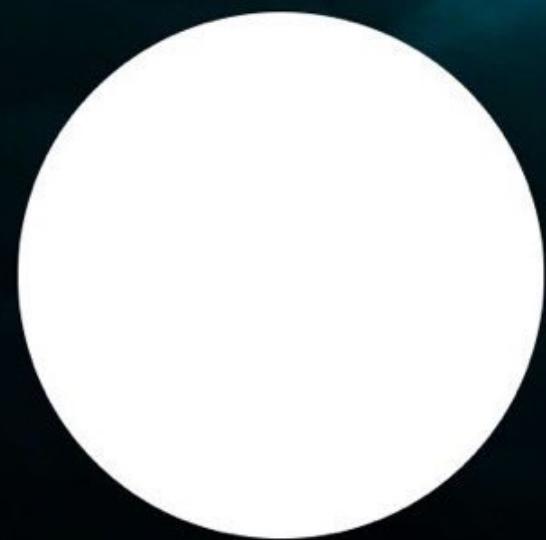


GPT-3



175,000,000,000

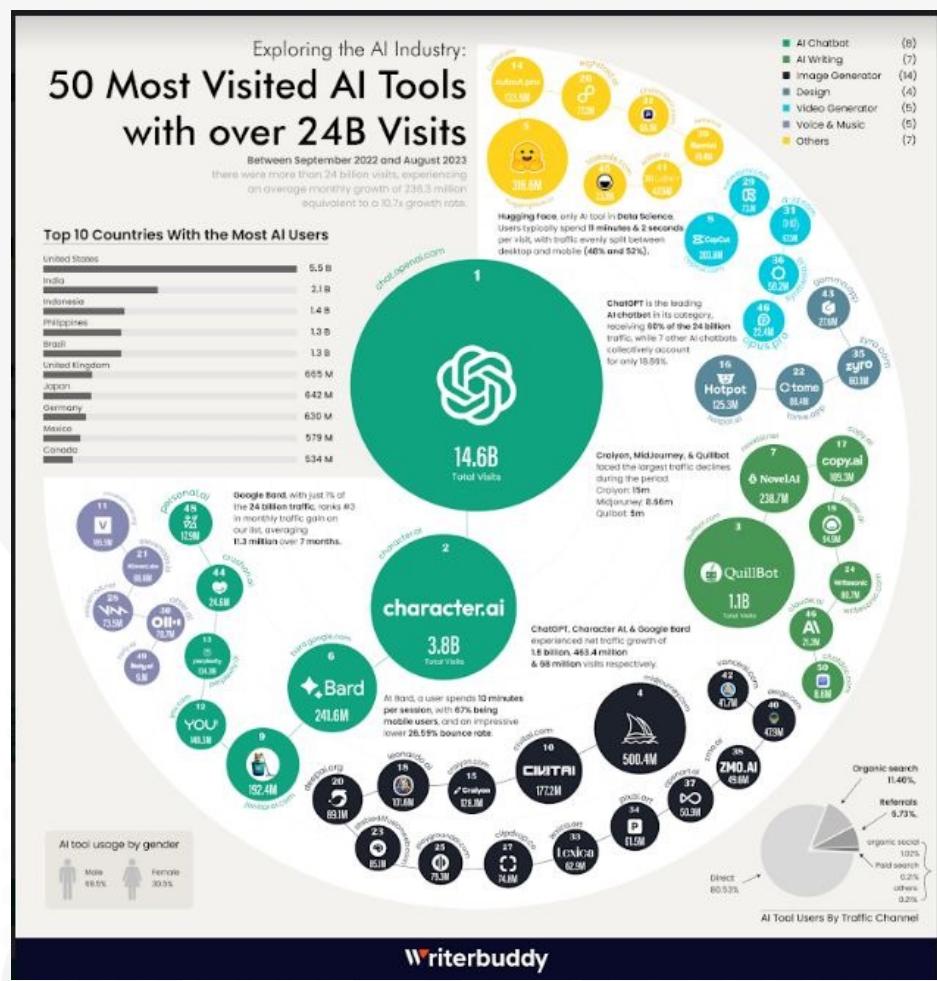
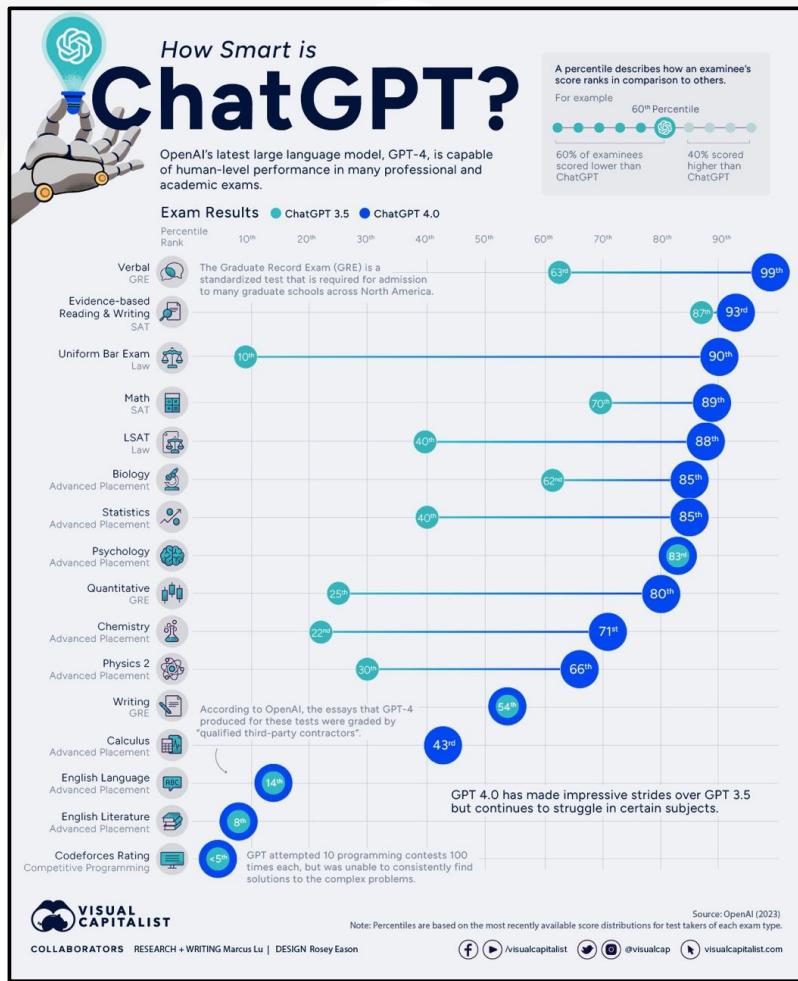
GPT-4



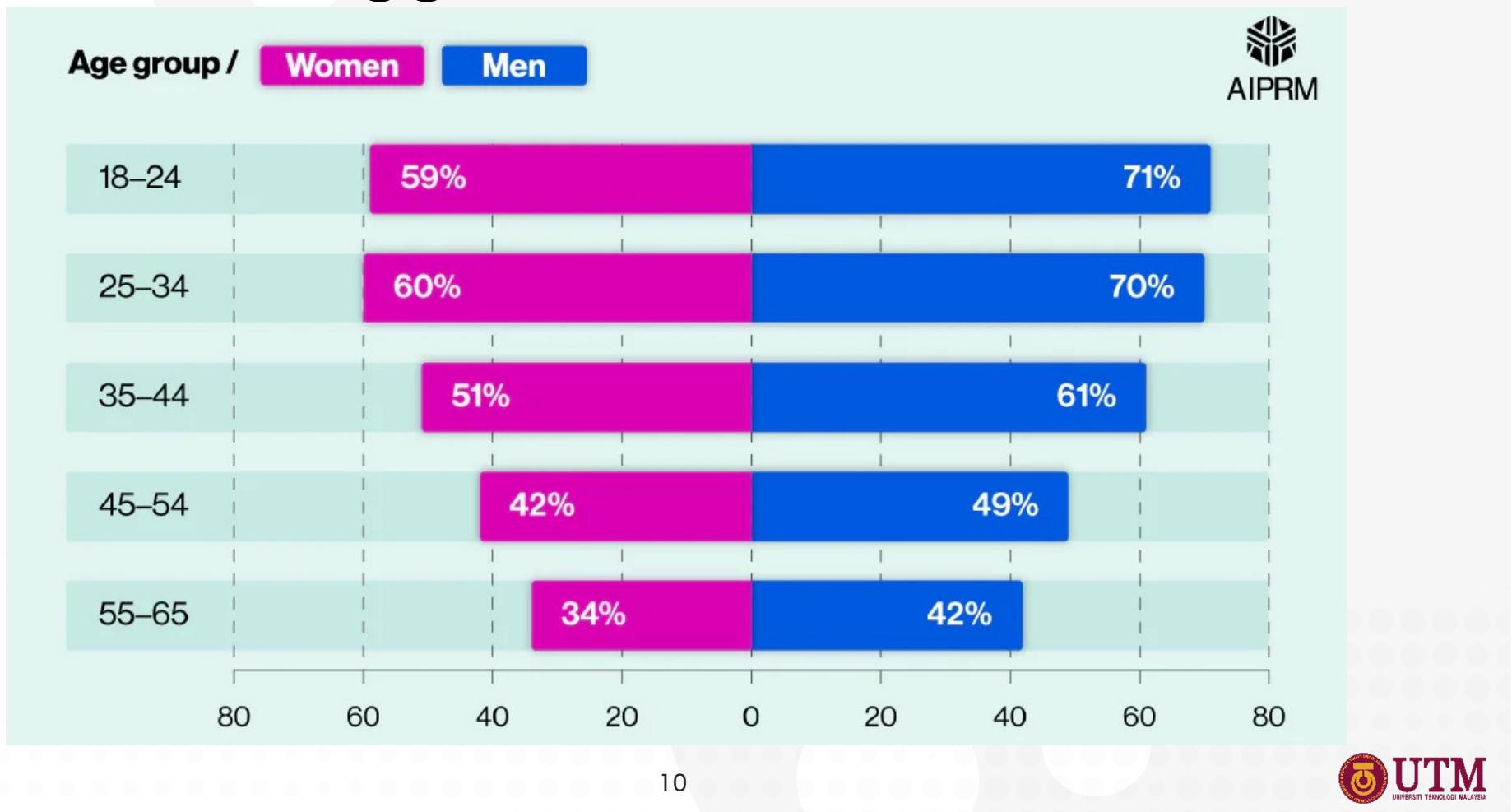
100,000,000,000,000

GPT-5

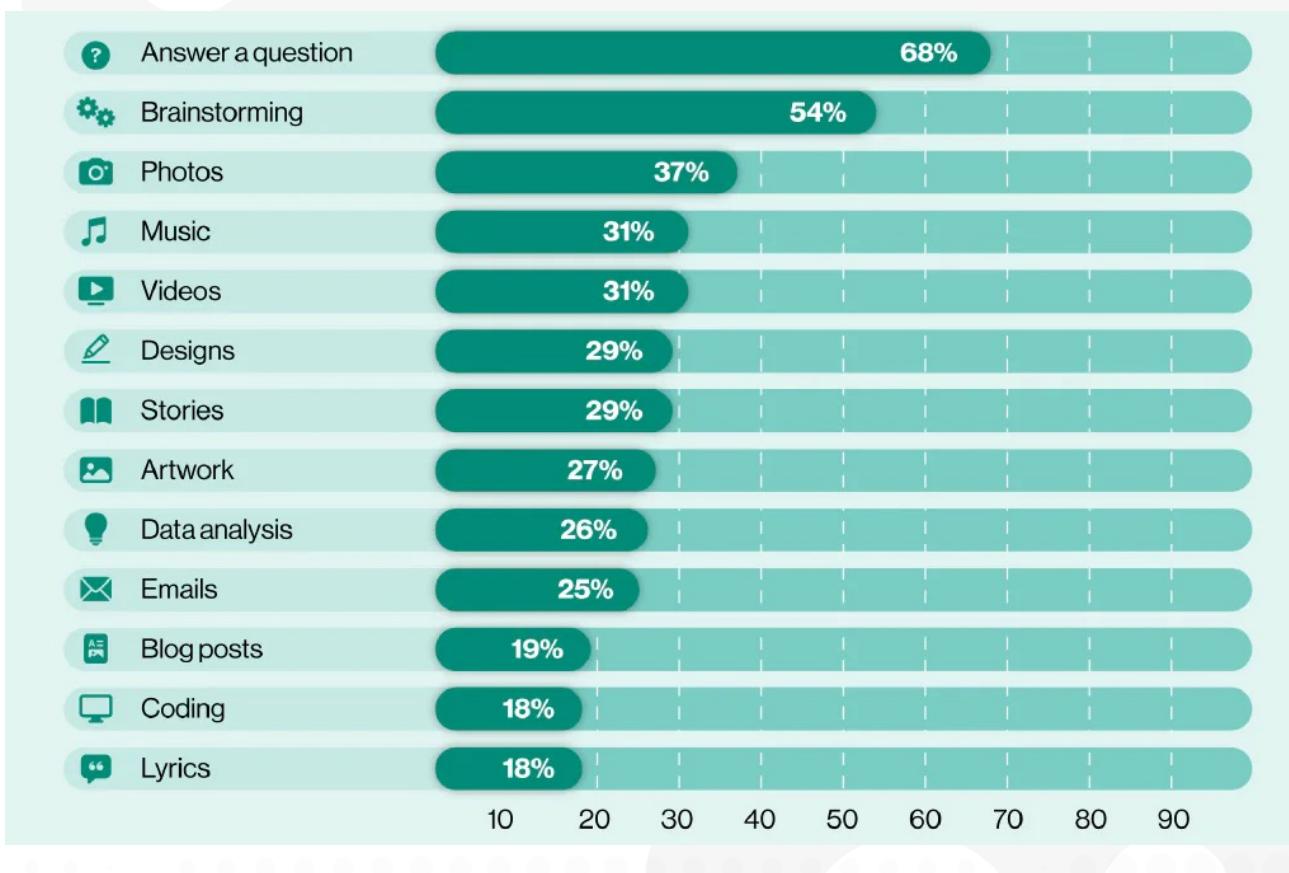
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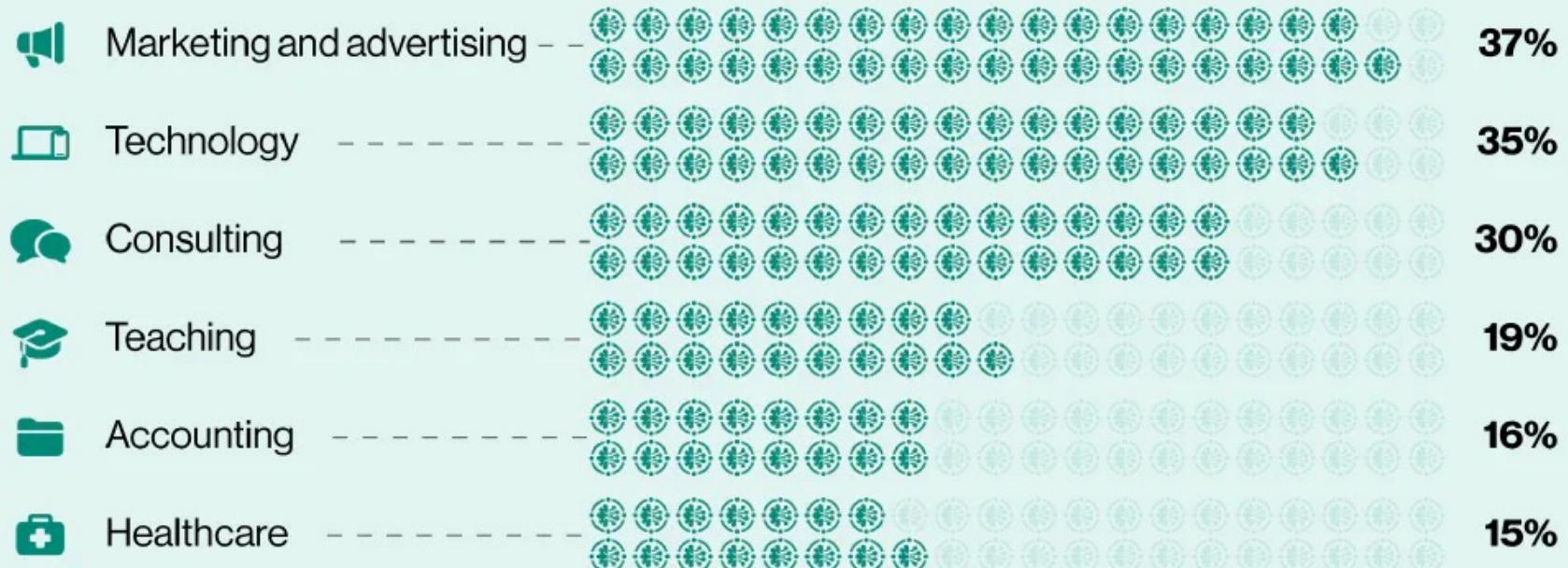
Penggunaan Generatif AI



Penggunaan Generatif AI



Peratusan penggunaan generatif AI mengikut industri pada 2023

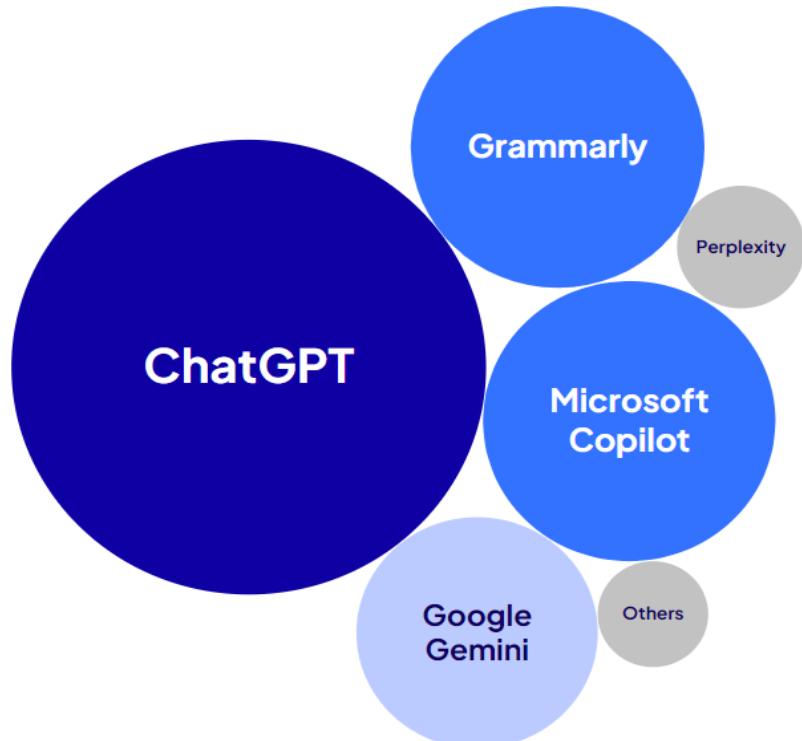


Sumber: Statistica

ChatGPT is the most used AI tool among students

Most used AI tools by students and number of AI tools used

Question: Which AI tools do you use for your course/programme?



2.1

AI tools are used by each student on average

The survey shows a broad adoption of various AI tools among students.

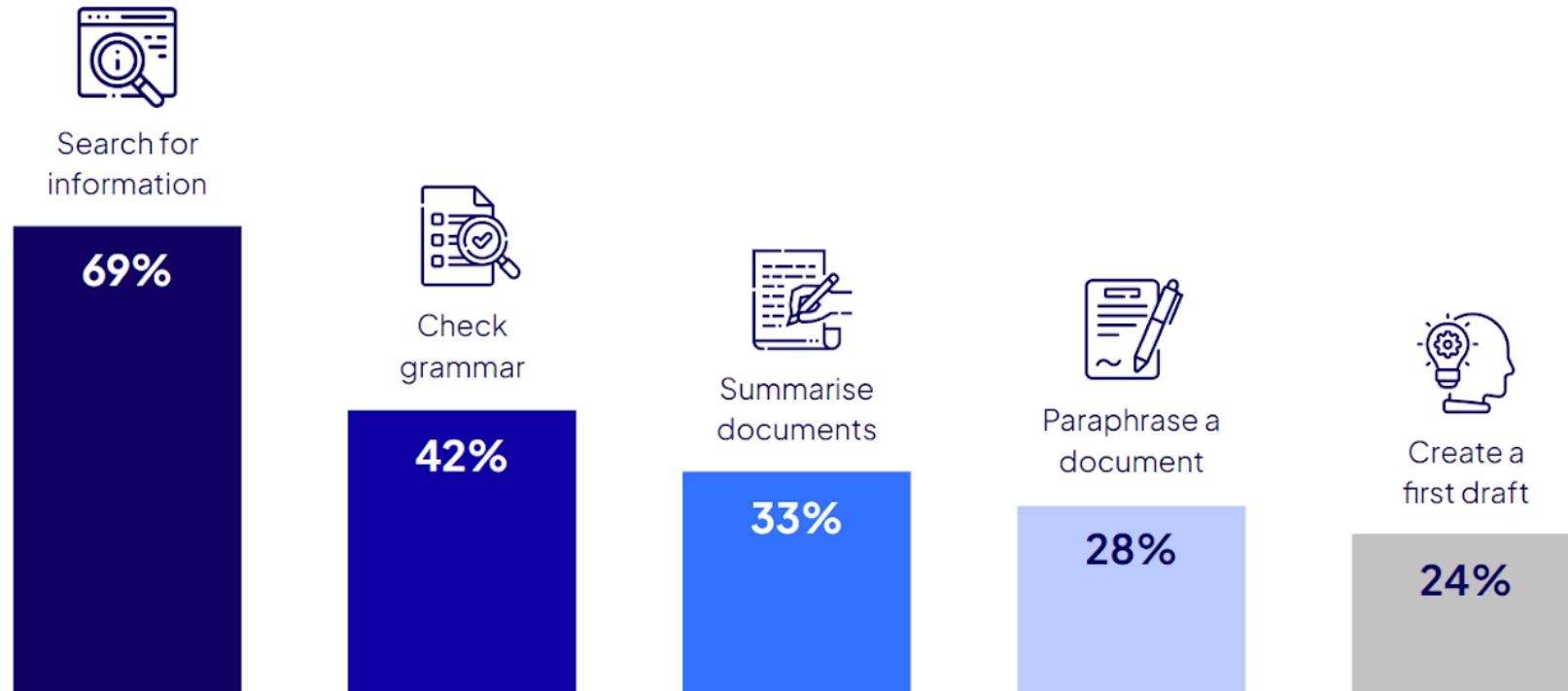
ChatGPT emerges as the most widely used tool, with 66% of students using it in their studies. Grammarly and Microsoft Copilot also see substantial usage, each with a 25% adoption rate among students. In addition to these popular tools, students report utilising a range of other AI applications such as Claude AI, Blackbox, DeepL, and Canva image generator.

On average, each student uses more than two AI tools, and 22% of students claim to use more than three AI tools to assist their studies.

Is Gen AI the new Google?

Information searching tops the list for AI use cases among students, followed by grammar checking

Question: What do you usually use AI tools for (Select all that apply)?

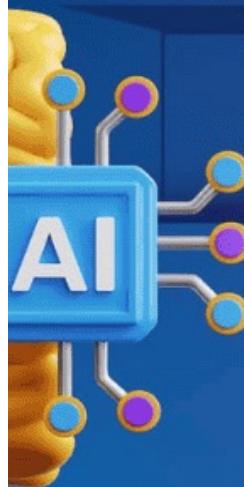


AI Dalam Pendidikan

AI DALAM DELIMa



KEMENTERIAN PENDIDIKAN
JABATAN PENDIDIKAN NEGERI JOHOR



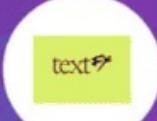
GEMINI AI



CHAT GPT



Conker AI



The Text Project



ISTE : Artificial Intelligent In Education



Khan Academy :
AI for Education



Perplexity



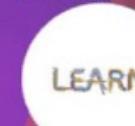
MS Copilot



Bing Image Creator



Pixlr -
AI Image
Generator



MS Learn



AI 101 For Teacher



Claude AI



Intro to
Generative AI



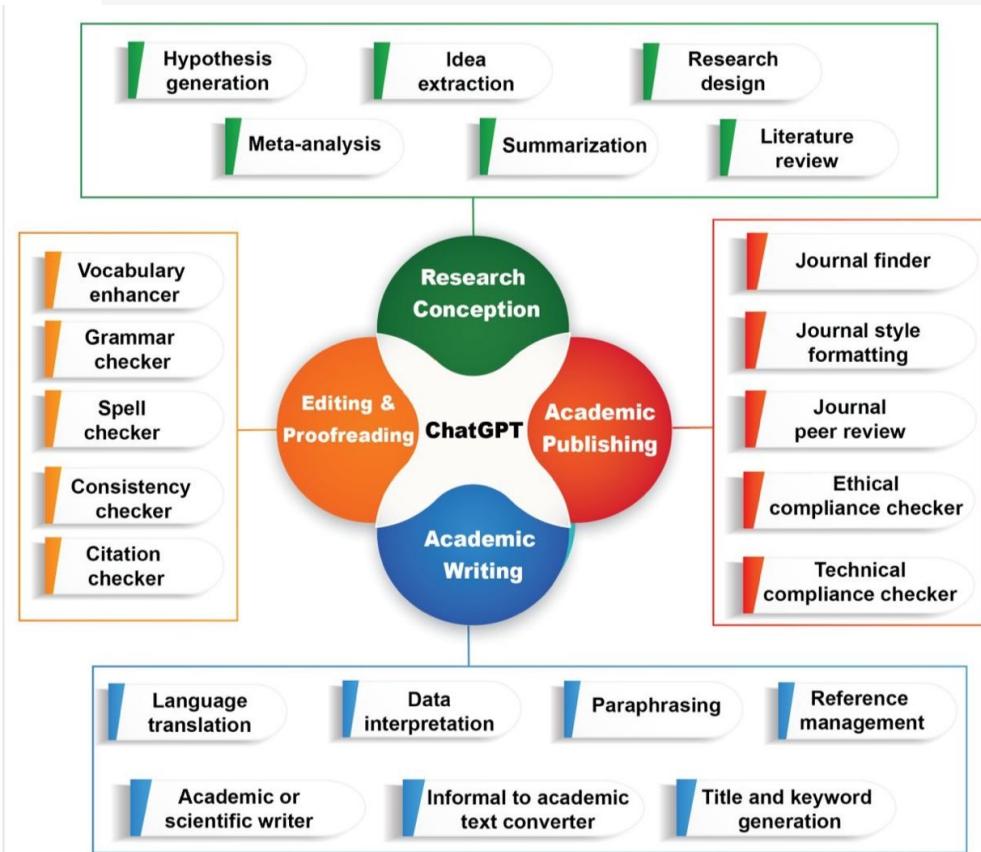
SUNO AI



Tanya Buku

*AI TOOLS
*AI COURSES

Aplikasi ChatGPT dalam penulisan dan penerbitan akademik



Latihan





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Kerana Tuhan untuk Manusia