

How Much Energy Does Chatgpt Use

A major area where chatbots have long been used is customer service and support, with various sorts of virtual assistants.

ChatGPT Users can interact with ChatGPT through text, audio, and image prompts. ChatGPT accelerated the AI boom, an ongoing period marked by rapid investment and public attention toward the field of artificial intelligence (AI). Originally released on November 30, 2022, the product uses large language models—specifically generative pre-trained transformers (GPTs)—to generate text, speech, and images in response to user prompts. Originally released on November 30, 2022, the product uses large language models—specifically generative ChatGPT is a generative AI chatbot developed by OpenAI. ChatGPT is a generative AI chatbot developed by OpenAI. OpenAI operates the service on a freemium model

AI-related energy use arises at multiple stages, including model training, fine-tuning, inference, storage, networking, and supporting infrastructure such as cooling and power conversion. Existing research primarily focuses on the cost of model training and deployment, rather than other aspects of the AI life cycle, such as dataset creation and...

Prediction "Is Astrology AI Reliable. Retrieved 13 September A prediction (from Latin prae- 'before' and dictum 'something said') or forecast is a statement about a future event or about future data. September 2025. 24 July 2025. Teen Vogue. There is no universal agreement about the exact difference between "prediction" and "estimation"; different authors and disciplines ascribe different connotations. Predictions are often, but not always, based upon experience or knowledge of forecasters. Our Astrologer Breaks Down Using ChatGPT to Read Your Birth Chart"

Artificial intelligence fuel use, and has delayed closings of obsolete, carbon-emitting coal energy facilities. It is a field of research in engineering, mathematics, and computer science that develops and studies methods and software that enable machines to perceive their environment and use learning and intelligence to take actions that maximise their chances of achieving defined goals. A ChatGPT search involves 10 times as much electrical energy as Artificial intelligence (AI) is the capability of computational systems to perform tasks typically associated with human intelligence, such as learning, reasoning, problem-solving, perception, and decision-making

OpenAI was founded in 2015 in Delaware as a nonprofit, with Elon Musk and Sam Altman as co-chairs; Musk resigned in 2018. A for-profit subsidiary was created in 2019, and a 2025 restructuring converted the subsidiary into OpenAI Group PBC, that is 26% owned by the nonprofit OpenAI Foundation. Microsoft has invested over US\$13 billion into OpenAI. OpenAI partners with semiconductor firms including Nvidia, AMD, and Broadcom, and cloud computing services from Microsoft, Amazon, Cerebras Systems and Google. In June 2026 it filed for an initial public offering. == Opinion == In a non-statistical sense, the term "prediction" is often used to refer to an informed guess or opinion.

Google Search It allows users to search or ask for information by entering keywords or phrases on a website page or in an installed application program. It uses algorithms to analyze and rank websites based on their relevance to the query and uses generative AI to respond to queries with non-search responses. unprecedented rise of generative AI technology, ushered by OpenAI's launch of ChatGPT, which sent Google executives to a panic due to its potential threat to Google Search (also known simply as Google) is a search engine operated by Google. It is the most-visited website in the world; and as of 2025, it has a 90% share of the global search engine market

Google was founded in 1998 by American computer scientists Larry Page and Sergey Brin. Together, they own about 14% of its publicly listed shares and control 56% of its stockholder voting power through super-voting stock. The company went public via an initial public offering (IPO) in 2004. In 2015, Google was reorganized as a wholly owned subsidiary of Alphabet Inc. Google is Alphabet's largest subsidiary and is a holding company for Alphabet's internet properties and interests. Sundar Pichai was appointed CEO of Google in 2015, replacing Larry Page, who became the CEO of Alphabet. In 2019, Pichai also became the CEO of Alphabet. == Biotechnology == In August 2024, the United States District Court for the District of Columbia ruled that Google held an illegal monopoly over Internet search and search advertising. The court found that Google maintained its market... ChatGPT was quickly adopted, reaching 100 million monthly active users two months after its release and 900 million weekly active users in February 2026. Proponents say that it has the potential to transform numerous professional fields, and it has instigated public debate about the nature of creativity and the future of knowledge work. The Delphi method is a technique for eliciting such expert-judgement-based predictions in a controlled way. This type of prediction might be perceived as consistent with statistical techniques in the sense that, at minimum, the "data" being used is the predicting expert... At the top of the presented search results is often a sponsored result section reflecting results sponsored by advertising revenue. Many search results are also prefixed by an AI overview response to the search query. The order of search results returned by Google is based, in part, on a priority rank system called PageRank which was originally developed in 1996 by Larry Page, Sergey Brin, and Scott Hassan. As of mid-2016, Google's search engine has begun to rely on deep neural networks. While many of these technologies are in existence and in use today, they are not nearly as complex as seen in Star Wars. Some of these technologies are not considered possible at present. Nevertheless, many of the technologies depicted by Star Wars parallel modern real-life technologies and concepts, though some have significant differences.

Technology in Star Wars In the introduction of the Return of the Jedi novelization, George Lucas wrote: "Star Wars is also very much concerned with the tension between humanity and technology, an issue which,

for me, dates back even to my first films. ". would have to be much stronger to repel than to hold the plasma in position. Another is that the shield would deflect electromagnetic energy, including light The space-opera blockbuster franchise Star Wars has borrowed many real-life scientific and technological concepts in its fictional universe. In Jedi, the theme remains the same, as the simplest of natural forces brought down the seemingly invincible weapons of the evil Empire. In turn, Star Wars has depicted, inspired, and influenced several futuristic technologies, some of which are in existence and others under development 682e750e2f

Future events are necessarily uncertain, so guaranteed accurate information about the future is impossible. Prediction can be useful to assist in making plans about possible developments. 682e750e2f High-profile applications of AI include advanced web search engines, chatbots, virtual assistants, autonomous vehicles, play and analysis in strategy games (e.g., chess and Go), and content generation (e.g. images, audio, and videos). 682e750e2f

OpenAI In March 2026, OpenAI closed a funding round with a post-money valuation of \$852 billion. OpenAI is one of the most valuable AI pure play companies in the world, rivalled by Anthropic. OpenAI also releases Codex, an AI coding agent, and the GPT Image models. It develops proprietary generative AI models, particularly its GPT series of large language models (LLMs). Its release of ChatGPT in November 2022 has been credited with catalyzing the AI boom; as of 2026 ChatGPT is the fifth-most-visited website globally. Its release of ChatGPT in November 2022 has been credited with catalyzing the AI boom; as of 2026 ChatGPT is the fifth-most-visited website OpenAI is an American artificial intelligence (AI) public benefit corporation headquartered in San Francisco. models (LLMs) 682e750e2f

The traditional goals of AI research include learning, reasoning, knowledge representation, planning, natural language processing, and perception, as well as support for robotics. To reach these goals, AI researchers use techniques including state space search and mathematical optimisation, formal logic, artificial neural networks, and methods based on statistics, operations research, and economics. AI also draws upon psychology, linguistics, philosophy, neuroscience... 682e750e2f In 2023 and... 682e750e2f == History == 682e750e2f == Carbon footprint and energy use == 682e750e2f The chatbot has also been criticized for its limitations and potential for unethical use. It can generate plausible-sounding but incorrect or nonsensical answers, known as hallucinations. Biases in its training data have been reflected in its responses. The chatbot can facilitate academic dishonesty, generate misinformation, and create... 682e750e2f

Bill Gates Following Microsoft's initial public offering in 1986 and the subsequent increase in its stock price, Gates became the world's then-youngest billionaire in 1987, at age 31. Gates became the first centibillionaire in 1999, when his net worth briefly surpassed US\$100 billion. 5 billion, making him the 19th-wealthiest individual in the world. A pioneer of the microcomputer revolution of the 1970s and 1980s, he co-founded the software company Microsoft in 1975 with his childhood friend Paul Allen. demonstration by OpenAI executives at his home in 2022 of the software that became ChatGPT, and, in 2026, the coding ability of Anthropic's Claude Code. Forbes magazine ranked him as the world's wealthiest person in their The World's Billionaires list for 18 out of 24 years between 1995 and 2017, including 13 years consecutively from 1995 to 2007. According to Forbes, as of July 2026, his net worth stood at US\$106. Programming William Henry Gates III (born October 28, 1955) is an American businessman and philanthropist 682e750e2f

As these issues have received greater attention, governments and regulators have increasingly considered data-centre reporting requirements, energy-efficiency standards, and broader transparency measures for AI-related resource use. 682e750e2f Chatbots have existed for decades, but chatbots based on deep learning have gained popularity during the AI boom of the 2020s, with the releases of generative AI (GenAI) chatbots such as ChatGPT, Gemini, Claude, and Grok. These chatbots typically use fine-tuned large language models (LLMs) to generate text. 682e750e2f

Chatbot and its carbon footprint: How much water does ChatGPT consume. This is what it means A chatbot (originally chatterbot) is a software application or web interface designed to converse through text or speech, functioning as a conversation partner. "AI is an energy hog. Mint Lounge. "Crownhart, Casey (23 May 2024) 682e750e2f

A prediction of this kind might be informed by a predicting person's abductive reasoning, inductive reasoning, deductive reasoning, and experience; and may be useful—if the predicting person is a knowledgeable person in the field. 682e750e2f Estimating AI's environmental effects can be difficult because results depend on how impacts are measured, including whether accounting includes only model computation or also data-centre overhead, idle capacity, hardware manufacture, and local electricity supply. 682e750e2f

Environmental impact of AI You, Josh (7 February 2025). Retrieved 27 July 2026. Epoch AI. Luccioni, Sasha; Jernite The environmental impact of the design, training, deployment and use of artificial intelligence includes the greenhouse gas emissions from generating electricity for data centres and computing hardware, operational and upstream water use, and material impacts from hardware manufacturing, mining and electronic waste. "How much energy does ChatGPT use. Retrieved 11 November 2025. "ISBN 979-8-4007-2596-8 682e750e2f

Google most-visited websites worldwide, followed by Facebook, Instagram, and ChatGPT. has been described as a Big Tech company. Google is the largest provider of search engines, mapping and navigation Google LLC (, GOO-gəl) is an American multinational technology corporation focused on information technology, online advertising, search engine technology, email, cloud computing, software, quantum computing, e-commerce, consumer electronics, and artificial intelligence (AI). Google's parent company Alphabet Inc. It has been referred to as "the most powerful company in the world" by the BBC, and is one of the world's most valuable brands 682e750e2f

After the success of its original service, Google Search (often known simply... 682e750e2f Born and raised in Seattle, Washington, Gates was privately educated at Lakeside School, where he befriended Allen and

developed his computing interests. In 1973, he enrolled at Harvard University, where he took classes including Math 55 and graduate-level computer science courses, but he dropped out in 1975 to co-found and lead Microsoft... 682e750e2f

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