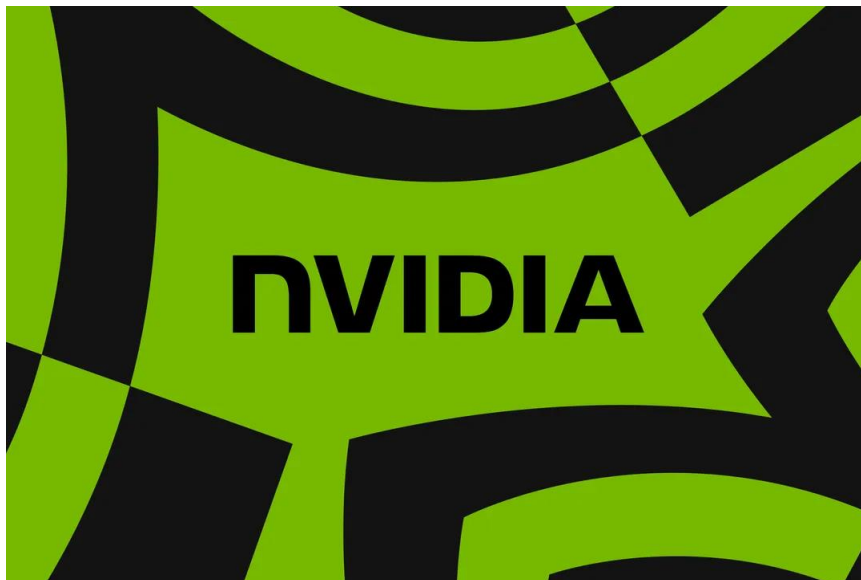


## AI boom: NVIDIA is now a \$1 trillion company

May 31, 2023

May 30, 2023: New York: **Nvidia became a \$1 trillion company** on Tuesday morning, with its rising valuation, over \$405 per share, fuelled by tech companies, big and small, racing to add generative artificial intelligence tools to their products. AI tools made up the vast bulk of recent Google I/O and Microsoft Build presentations, and Nvidia's chips make it a key supplier for companies trying to build products with AI.

Apple and Microsoft had crossed the \$1 Trillion in August 2018 and August 2019, respectively. Amazon and Google are the other tech stocks in the \$1 Trillion club, and Meta is a former member.



Big players, including Microsoft, with its Bing AI and Co-pilot, Google, with Bard, and Open AI, with Chat GPT-4, are making AI chatbot technology, previously restricted to test labs, more accessible to the general public.

How do these large language model (LLM) programs work? Open AI's GPT-3 uses "a series of autocomplete-like programs to learn language". These programs analyse "the statistical properties of the language" to "make educated guesses based on the words, a user has typed previously."

These systems are trained to predict which word follows the next in any given sentence. As such, they have no hard-coded database of 'facts' to draw on — just the ability to write plausible-sounding statements. This means they have a tendency to present false information as truth, since whether a given sentence sounds plausible does not guarantee its factuality.

By--**Dr K N Mistry**