

What is Generative AI?

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June 2023



What is Generative Artificial Intelligence (AI)?

Generative AI is the ability for computers/algorithms to create new content including - text, image, audio, and video. ChatGPT is an example of text based Generative AI.

Let ChatGPT explain
what Generative AI
is...



What is Generative AI?



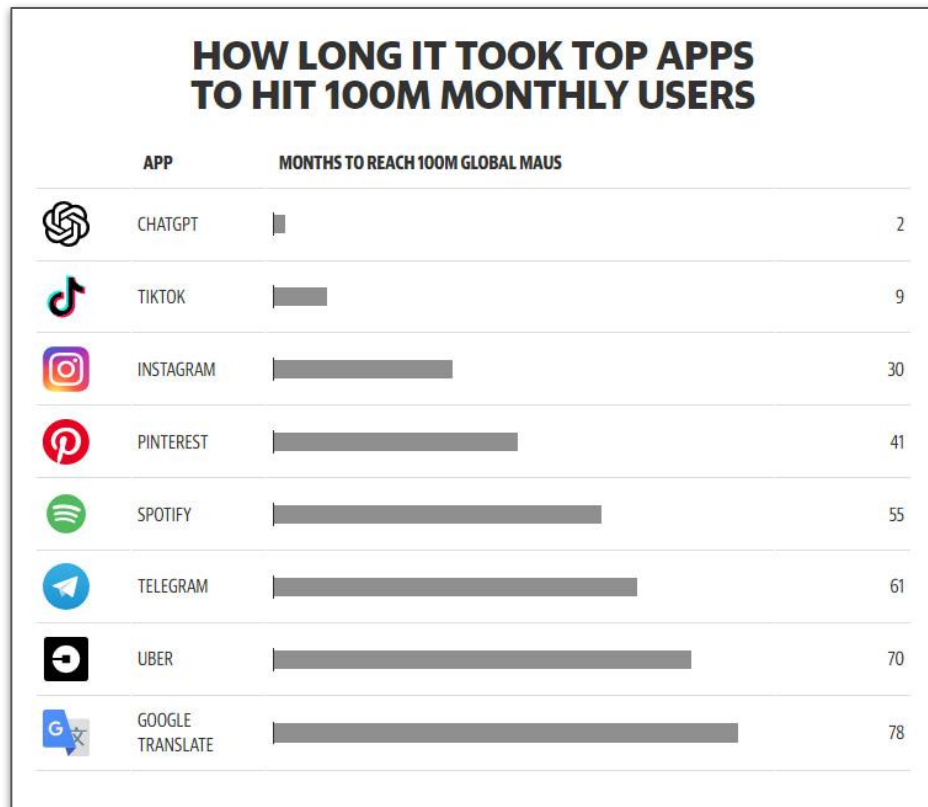
Generative AI, also known as generative artificial intelligence, is a type of artificial intelligence (AI) that involves creating or generating new content, such as images, text, music, or other creative works, using machine learning algorithms. Generative AI models are designed to autonomously produce content that is original and creative, often mimicking human-like creativity.

Generative AI models are trained on large datasets and learn patterns from the data to generate new content. These models can be trained using various techniques, such as unsupervised learning, reinforcement learning, or adversarial learning. Once trained, generative AI models can generate content that may resemble examples from the training data, but is not an exact copy, making it creative and original.

Why is everyone talking about ChatGPT?

It truly is a breakthrough product and its wide usage is nothing short of breathtaking.


100 million users in 2 months flat.



Google vs. ChatGPT?




Which is faster a Ferrari SF90 or Tesla Model S Plaid

 FastestLaps.com
<https://fastestlaps.com/comparisons>

Ferrari SF90 Stradale vs Tesla Model S Plaid

Model S Plaid is the fastest by a small margin. This comparison has been viewed 304 times.
Acceleration graph. Acceleration chart. More comparisons.

 InsideEVs
<https://insideevs.com/News>


Ferrari SF90 Stradale Unleashed Against Tesla Model S ...

28-Oct-2021 — While they look very close on paper, we should note the **Ferrari is 1,283 lbs (582 kg) lighter than the Tesla**, a huge advantage in drag racing.

A bunch of links you have to click on

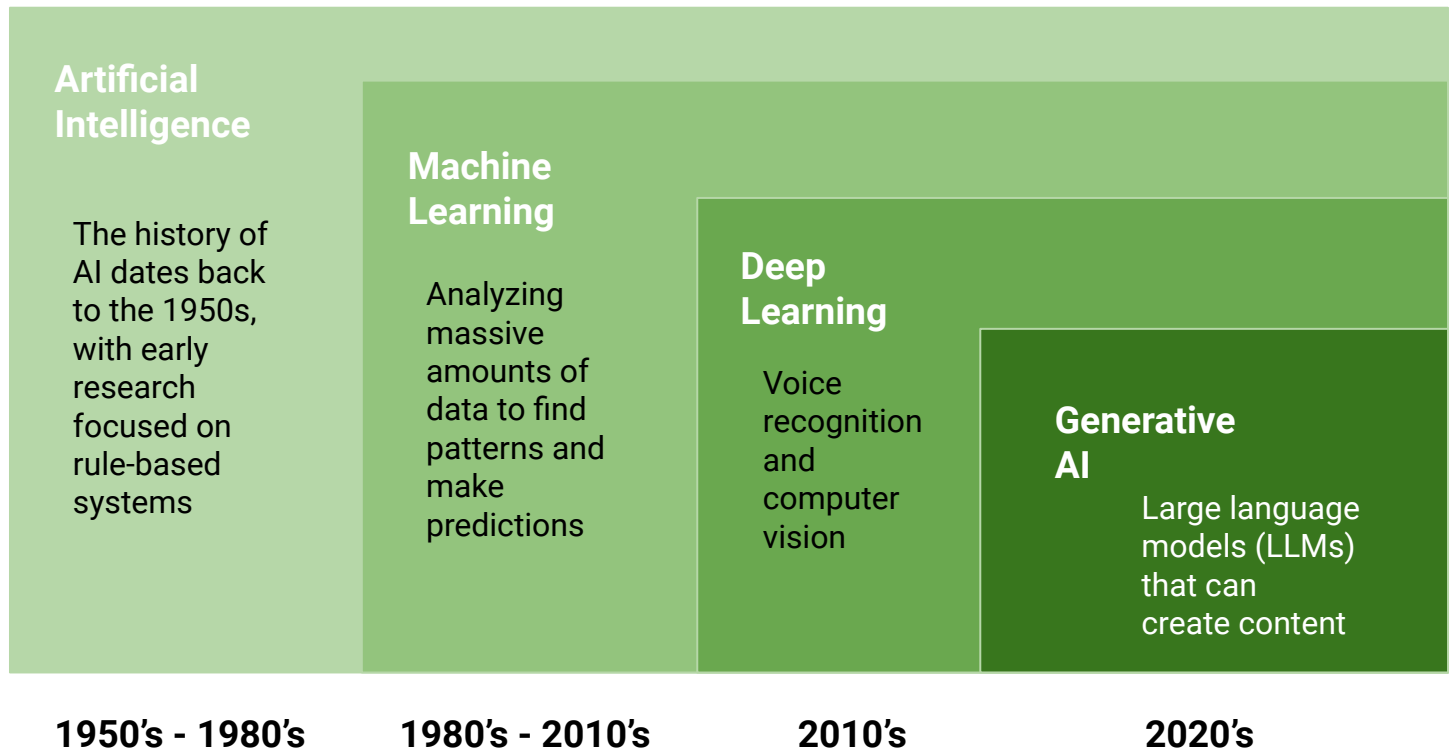


Which is faster a Ferrari SF90 or Tesla Model S Plaid

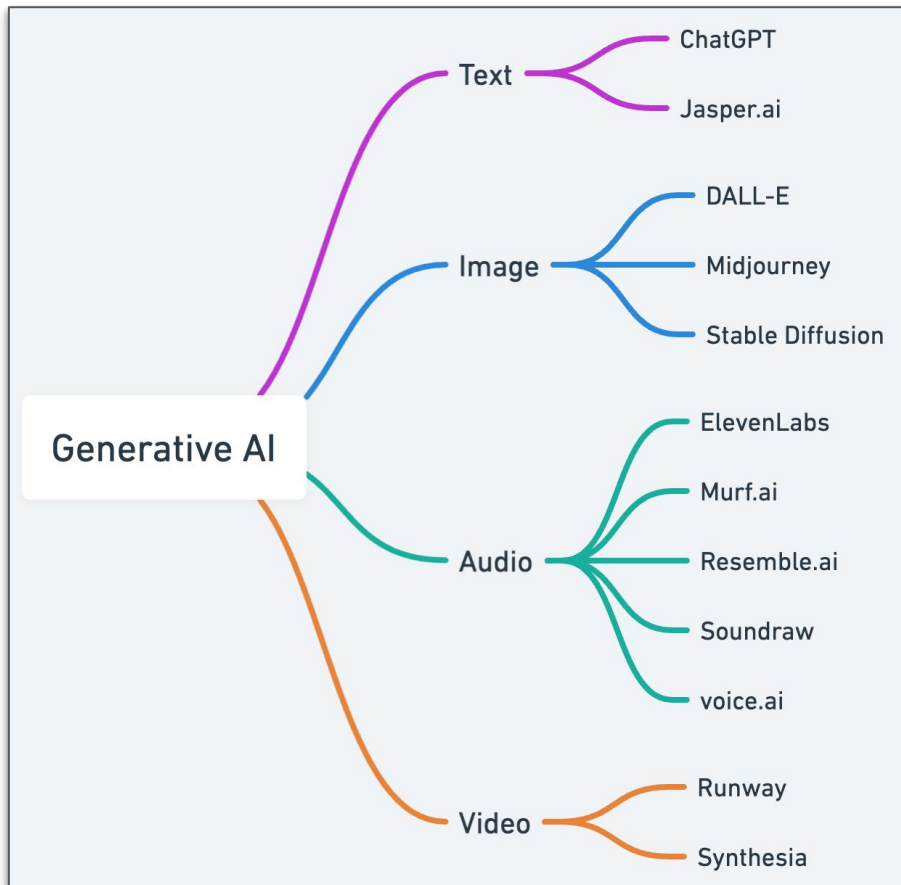
 As of my knowledge cutoff date in September 2021, the Tesla Model S Plaid is claimed to be faster than the Ferrari SF90 in terms of acceleration. The Tesla Model S Plaid has an advertised 0-60 mph acceleration time of less than 1.99 seconds, making it one of the fastest production cars in terms of acceleration. On the other hand, the Ferrari SF90 has a 0-60 mph acceleration time of around 2.5 seconds. However, it's important to note that acceleration times can vary depending on various factors, such as road conditions, weather, and other variables. It's always best to consult the latest specifications from the respective manufacturers for the most accurate and up-to-date information.

BOOM...the answer

AI has been around along time



Examples of Generative AI tools



Warning: This list will be outdated in weeks!

Image creation using DALL-E

i want a porsche 911 in the middle of the hustle bustle of a mumbai, india bylane

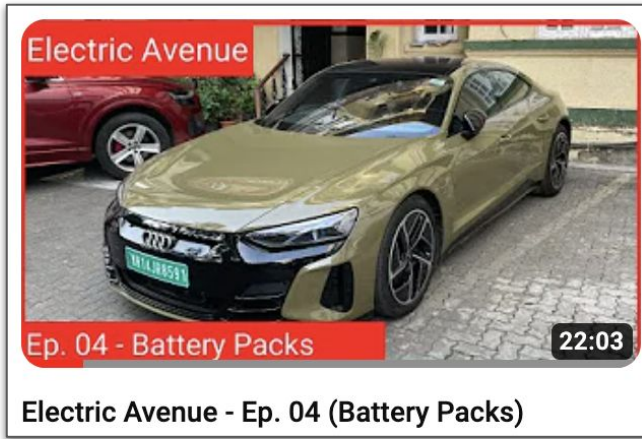
Generate

A picture is worth a
thousand words...

This one took me only
17 words to create.



Use ChatGPT to summarize and save time



This video is 22 minutes long and has over 2,700 words that were spoken.



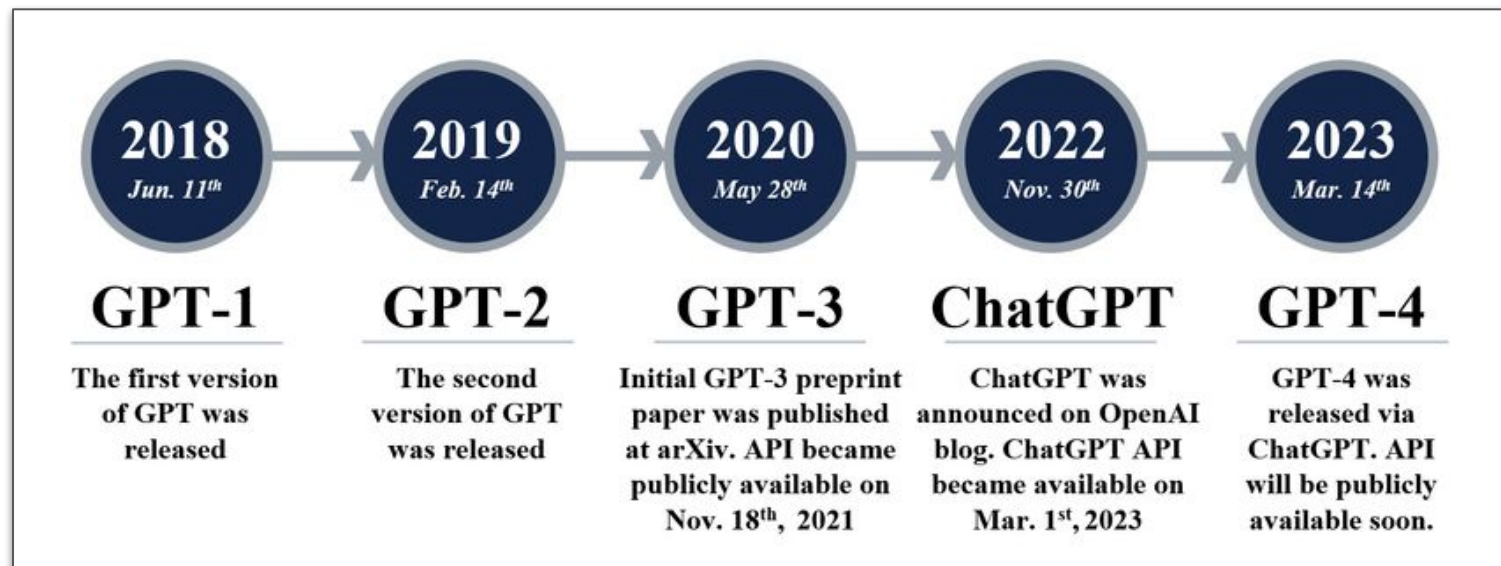
The transcript is from the YouTube channel "Electric Avenue" and is episode 4, which covers various topics related to electric vehicles (EVs). The presenter talks about EV registration numbers for March 2023 in India, which show Tata Motors leading the race, and mentions other manufacturers such as MG Motors, BYD, Eminem, Renault, BMW, Volvo, and Hyundai. The total number of EVs sold in India is around 40,000, which is expected to increase with more competition and improved charging infrastructure. The presenter also briefly talks about the Kia EV9 launch globally, which was showcased at the Delhi Auto Expo in January 2023. The episode includes a deep dive into battery packs, discussing the big battery pack manufacturers, different types of battery packs, and what people mean when they talk about battery packs. The presenter also talks about his recent public charging fail at a charge point operator and discusses EV car spotting in Bombay.

ChatGPT summarized it into 153 words with extremely high accuracy.

History of GPT

Why is it called GPT? **G**enerative **P**retrained **T**ransformer

- Generative - it can generate the next word
- Pretrained - it was pre trained on large amounts of text from the internet
- Transformer - the underlying technology based on Deep Neural Networks which is a part of deep learning



What about Google?

The Transformer architecture of GPT was developed by Google.

Google is facing a case of Innovator's Dilemma - existing ad revenue works well with showing many links in search results.



This could have been Google's version of ChatGPT

Questions?



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Appendix

Try ChatGPT

Go to

<https://chat.openai.com/>

ChatGPT




Examples

"Explain quantum computing in simple terms" →

"Got any creative ideas for a 10 year old's birthday?" →

"How do I make an HTTP request in Javascript?" →




Capabilities

Remembers what user said earlier in the conversation

Allows user to provide follow-up corrections

Trained to decline inappropriate requests




Limitations


May occasionally generate incorrect information

May occasionally produce harmful instructions or biased content

Limited knowledge of world and events after 2021



Where to find new AI tools

 **Future Tools**

Home AI News Learn Glossary Submit

"FutureTools Collects & Organizes All The Best AI Tools So YOU Too Can Become Superhuman!"

☐ AI Detection☐ Aggregators☐ Avatar☐ Chat☐ Copywriting☐ Finance

☐ For Fun☐ Gaming☐ Generative Art☐ Generative Code☐ Generative Video☐ Image Improvement

☐ Image Scanning☐ Inspiration☐ Marketing☐ Motion Capture☐ Music☐ Podcasting

☐ Productivity☐ Prompt Guides☐ Research☐ Self-Improvement☐ Social Media☐ Speech-To-Text

☐ Text-To-Speech☐ Text-To-Video☐ Translation☐ Video Editing☐ Voice Modulation

☐ Free☐ Freemium☐ GitHub☐ Google Colab☐ Open Source☐ Paid

Check out <https://www.futuretools.io/>