



GENERATIVE AI

MADE BY –
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SINGH

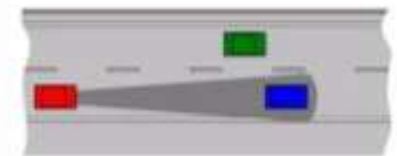
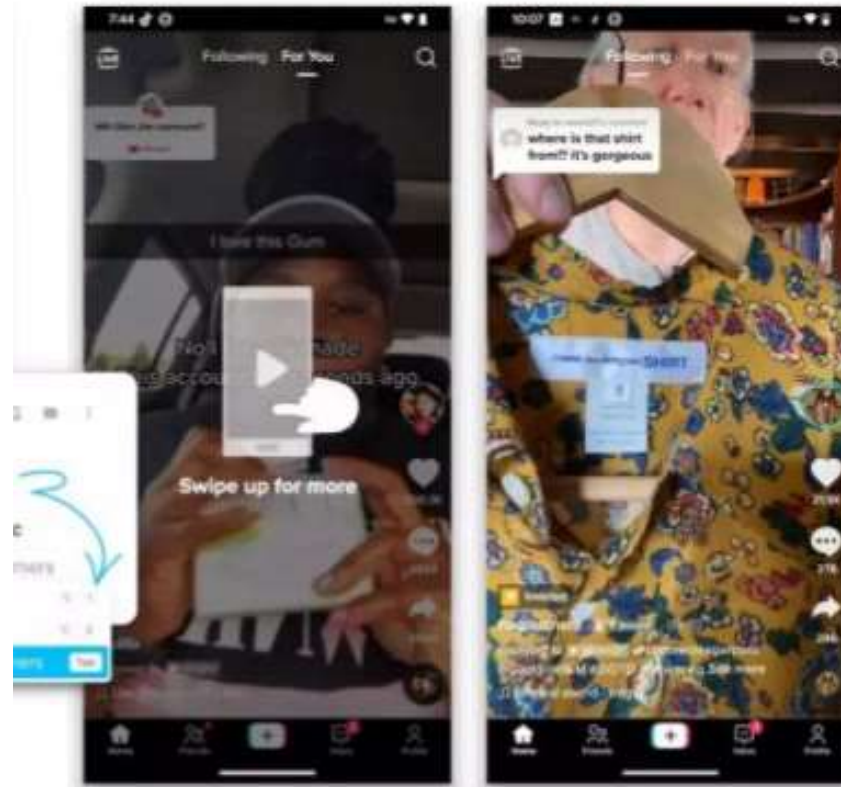
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INTRODUCTION

AI can synthesize part or all of a creative work

McKinsey defines generative AI as: ... Algorithms (such as ChatGPT) that can be used to create new content, including audio, code, images, text, simulations, and videos.

Recent breakthroughs in the field have the potential to drastically change the way we approach content creation.

Generative AI

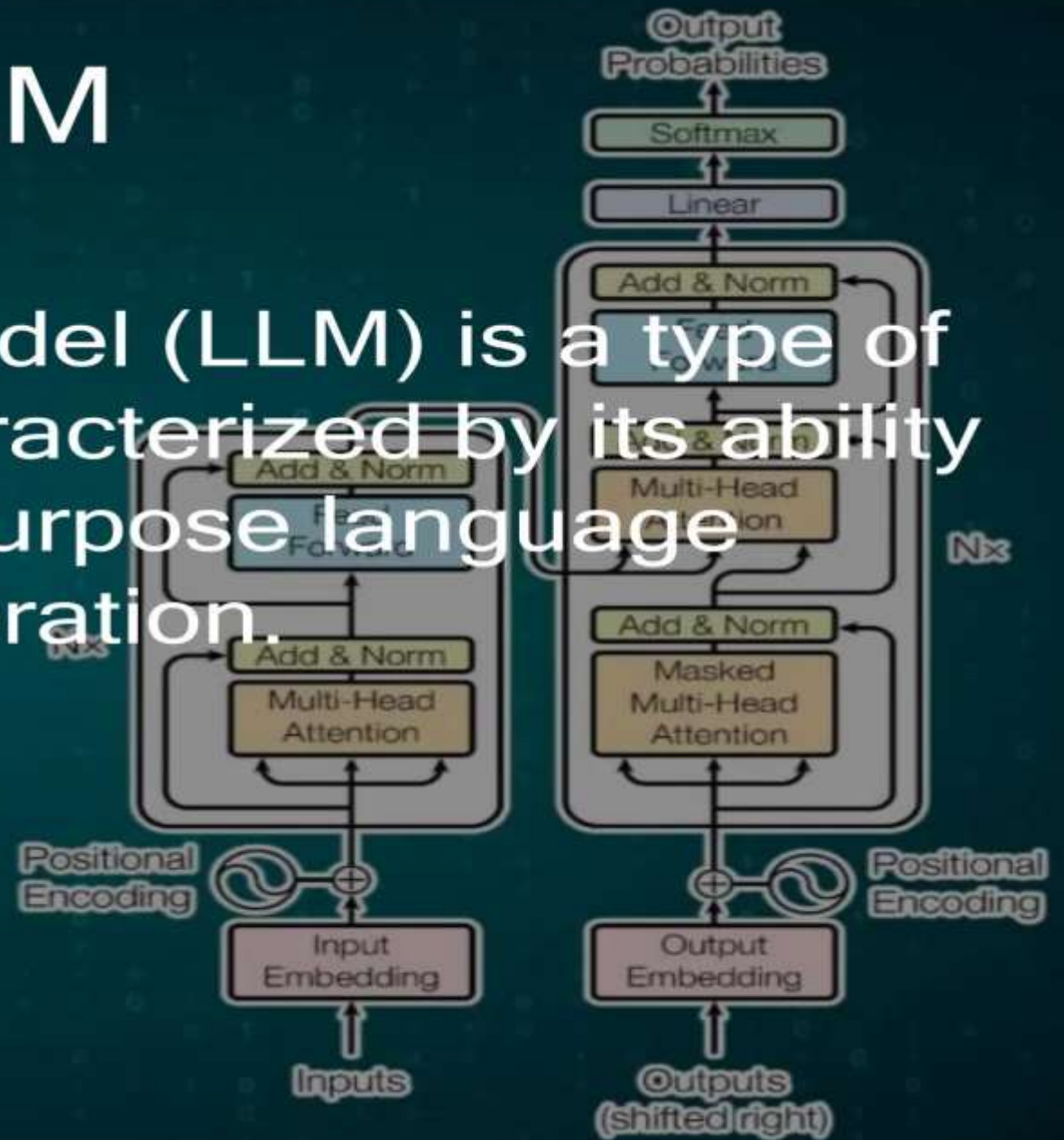
- Generative artificial intelligence includes models that can generate new content, such as images, music, and text.
- An example of these models is ChatGPT.



APPLICATIONS

LLM

- A large language model (LLM) is a type of language model characterized by its ability to achieve general-purpose language processing and generation.



ChatGPT



- Conversational generative artificial intelligence chatbot
- LLM-based chatbot
- developed by OpenAI
- Launched on November 30, 2022,
- Generative, Pre-Trained, Transformer

Name	Release date	Developer	Number of parameters	Corpus size	Training cost (petaFLOP-day)	License
GPT-2	2019	OpenAI	1.5 billion	40GB[103] (~10 billion tokens)		MIT
GPT-3	2020	OpenAI	175 billion	300 billion tokens	3640	proprietary
GPT-4	March 2023	OpenAI	Exact number unknown	Unknown		proprietary

Free Research Preview. ChatGPT may produce inaccurate information about people, places, or facts. [ChatGPT September 25 Version](#)

CRAIYON



Designed by developer Boris Dayma as a free text-to-image AI tool, Craiyon advanced not only through internal improvements but through contributions from the open-source community. Beyond generating new images, Craiyon contains a library of existing images that you can access to help with your queries. Previously known as DALL-E mini, the site changed its name upon a request from OpenAI, which felt that the former name was too close to its own [DALL-E image generator](#).

HOW TO GET STARTED WITH CRAIYON AI

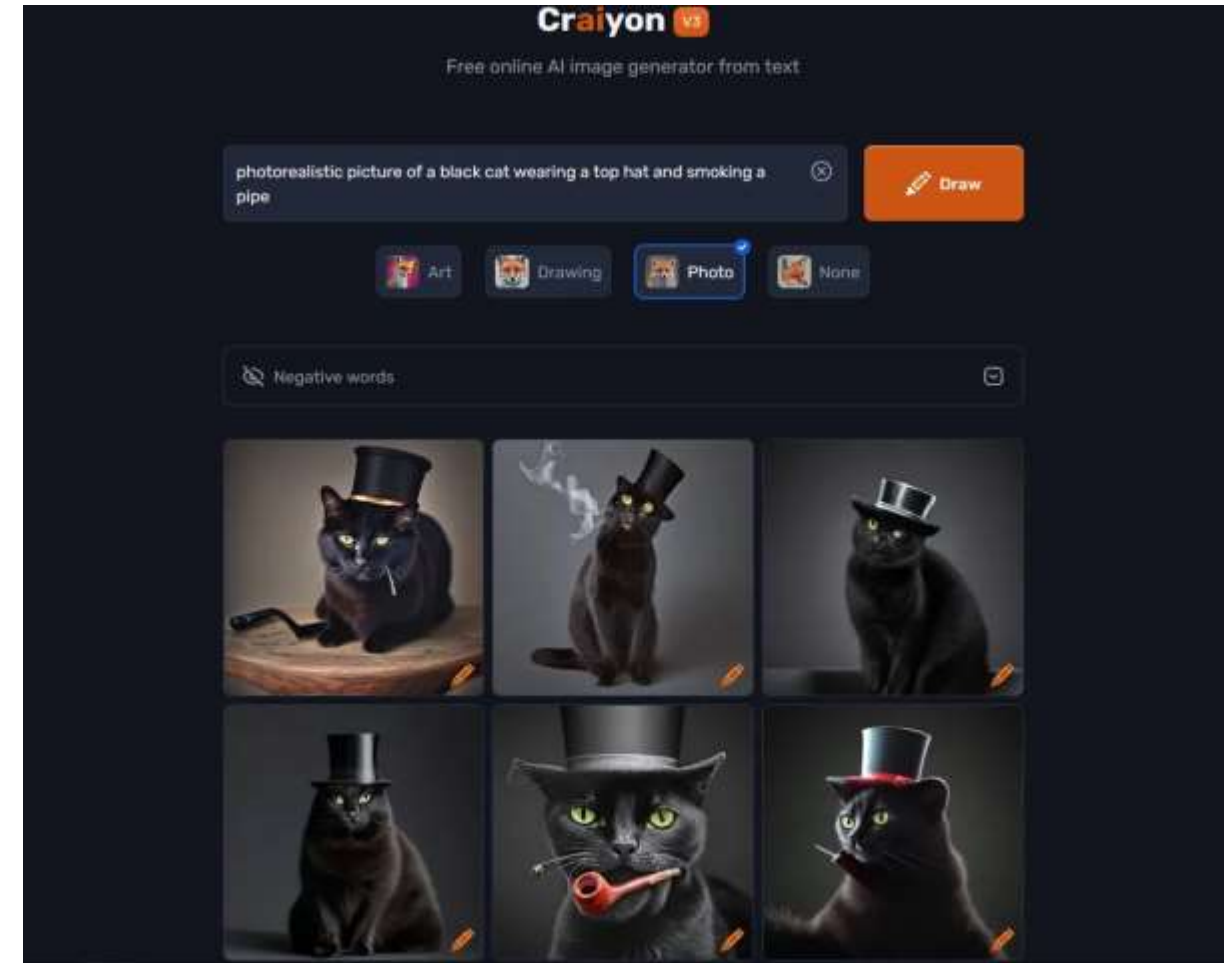
- **1. Go to the Craiyon website**
- To get started, browse to the [Craiyon website](#). You can sign up for a free account, but you may want to first try the site without an account.
- **2. Describe your image**
- Type a description of the image you want generated. You can also add negative words to specify any items you want excluded in your query. Choose the type of image you'd like to see -- art, drawing, or photo.
- Take a moment before you submit your query. Trying to describe the image you want can be challenging. How you phrase it and what words you include will determine the accuracy and quality of the results.

3. Generate results

After you've entered your description and chosen a style, click the Draw button. With the free tier, you'll have to wait a minute or longer for the image to appear. In response, Craiyon displays several images in their own thumbnails.

4. Select an image

Click an image you like, and it appears in a larger size. From there, click the Upscale button to try to improve the resolution and quality. Click the Screenshot button to save it as a PNG file.





SYNTHESIA

Turn text to video, in minutes.

- **Synthesia** is a synthetic media generation company that develops software used to create [AI](#) generated video content. It is based in [London, England](#).
- Synthesia's software algorithm mimics speech and facial movements based on video recordings of an individual's [speech](#) and [phoneme](#) pronunciation. From this a [text-to-speech](#) video is created to look and sound like the individual.

TRY NEW AI AVATARS

Free AI video generator

1 Select a template

SYNTHESIA DEMO

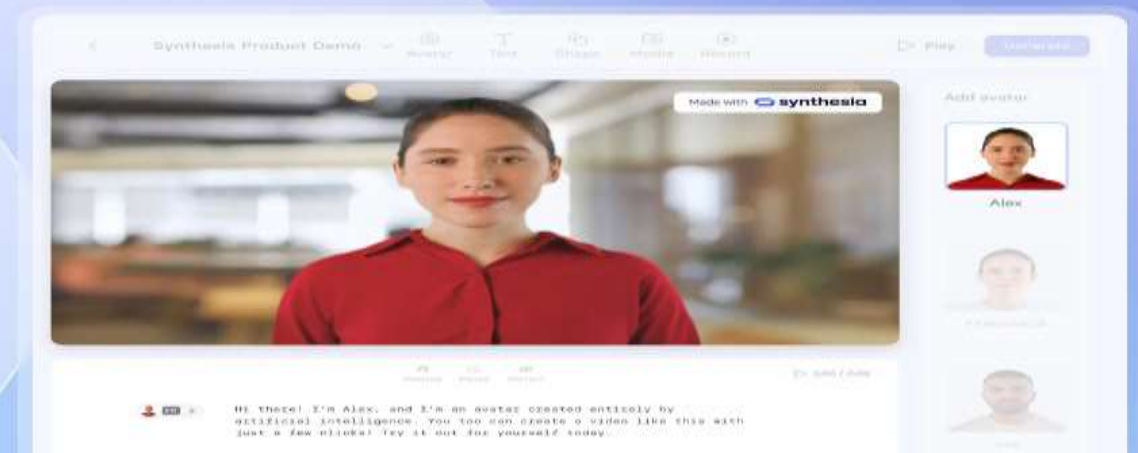
SALES PITCH

COMPLIMENT

2 Edit your video script in any language

Hi there! I'm Alex, and I'm an avatar created entirely by artificial intelligence. You too can create a video like this with just a few clicks! Try it out for yourself today.

26 characters left



DEEP DREAM

- **DeepDream** is a [computer vision](#) program created by [Google](#) engineer Alexander Mordvintsev that uses a [convolutional neural network](#) to find and enhance patterns in [images](#) via [algorithmic pareidolia](#), thus creating a [dream-like](#) appearance reminiscent of a [psychedelic experience](#) in the deliberately overprocessed images.^{[1][2][3]}
- Google's program popularized the term (deep) "dreaming" to refer to the generation of images that produce desired [activations](#) in a trained [deep network](#), and the term now refers to a collection of related approaches.



The [Mona Lisa](#) with DeepDream effect

AREAS OF GROWTH

COMPUTER VISION

CONTENT CREATION

ROBOTIC

GENIE AI

PREDICTIVE ANALYSIS

HEALTHCARE

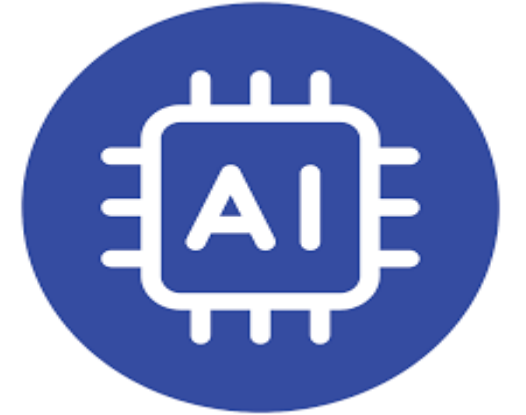
MARKETING

ENTERTAINMENT

AUTOMOTIVE

MANUFACTURING

SUMMARY



Generative AI represents a remarkable step forward in the field of artificial intelligence.

Its ability to create content, generate ideas, and solve complex problems has the potential to reshape industries and unlock new possibilities.



THANK YOU

