

OTHER AI STUFF

OPENAI (INDUSTRY LEADER)

OpenAI is the creator of both ChatGPT and the DALL-E AI image generation model used on many of the websites that generate AI art.

REPLIKA (AI COMPANION; FREE BASIC)

Provides a digital avatar that you can communicate with, receive coaching from, interact in either augmented reality or virtual reality, and keep a diary with. More features are available through the Pro version.

KRISP (VOICE PRODUCTIVITY; 60 MINS/DAY FREE)

With online meetings being a new norm, Krisp uses AI to clean up background noise when in video conference calls.

GRAMMARLY (WRITING PRODUCTIVITY; FREE BASIC)

Grammarly has been a go-to for students and professionals for many years. It utilizes AI to assess text, give suggestions for edits, and even change the tone of the writing.

TALK TO BOOKS (RESEARCH; FREE)

An experimental tool from Google Books that searches the text of books with direct quotes to questions posed to the AI.

AI.IMAGE ENLARGER (IMAGE EDITING; 8/MONTH FREE)

Enhances images using AI. Includes other features such as a cartoonizer, colorizer, BG remover, and more.

SOUNDFUL (ROYALTY FREE MUSIC; 10/MONTH)

Generates music based on various inputs such as genre, speed, key, and so on. Free music can be used for non-commercial social media. Premium required for monetized video production.



THE DABBLE BOX is a space where curious people can dabble in science, technology, engineering, art, and math activities. It has equipment ranging from robots, to a sewing machine, to musical instruments available during open labs.

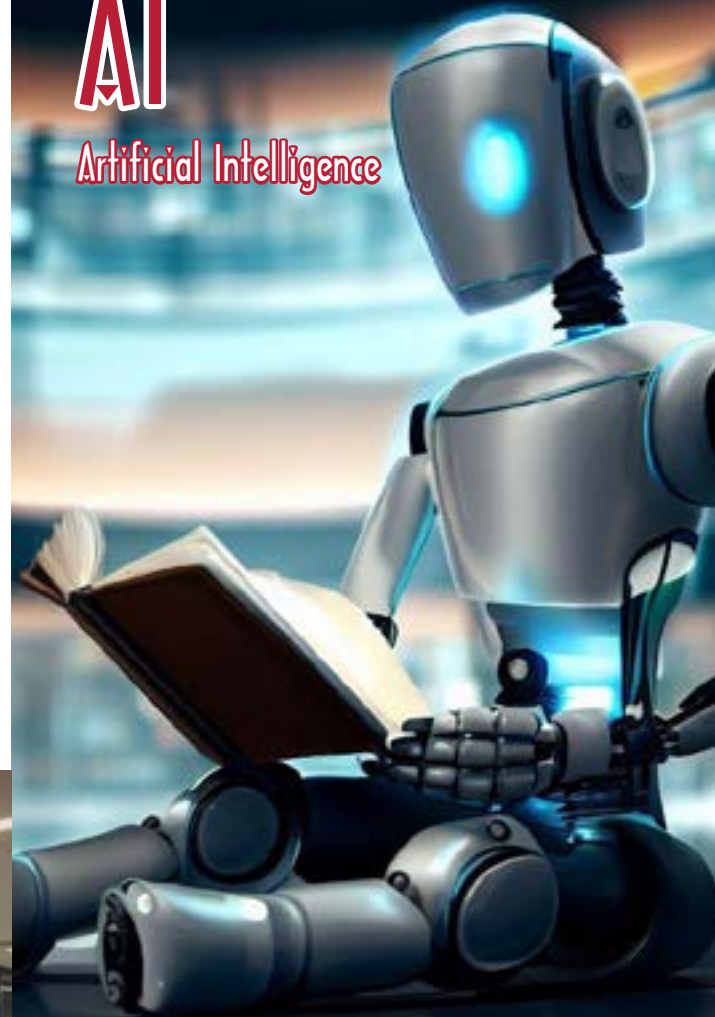
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DABBLE BOX BASICS

AI

Artificial Intelligence



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WHAT IS ARTIFICIAL INTELLIGENCE?

Artificial intelligence has been a subject of interest for over a century as a popular trope in science fiction, but has only become a reality in the last couple decades. Just as those sci-fi authors predicted, the issue is very controversial and the field is tumultuous. It is predicted to change the world as we know it over the next few decades. Bill Gates said that AI will be as influential as the personal computer or the Internet (www.gatesnotes.com/The-Age-of-AI-Has-Begun).

AI can be categorized into two types: narrow AI and general AI.

Narrow AI is what is used for specific tasks such as:

- generating text, images, music, etc.
- virtual assistants like Siri or Alexa
- self-driving vehicles
- search engines (Yes, Google uses AI.)
- targeted advertising algorithms

General AI is what we have yet to see in real life and is capable of understanding and responding to the world in a way that is indistinguishable from a human:

- HAL 9000 in *2001: A Space Odyssey*
- Skynet in the *Terminator* franchise
- Programs in the *Matrix* franchise
- Ava in *Ex Machina*
- Samantha in *Her*

Speculation has suggested the emergence of general AI in the next 15 to 30 years.

The contents of this brochure are subject to inaccuracy due to the rapidly changing AI industry.

AI ART GENERATION

AI art generation is a fascinating and yet controversial trend right now. Please know that, despite disclaimers or terms of service, the ownership of AI generated content is a legal gray area right now. Swim at your own risk.

AI art generators use language inputs to generate images. They associate words with images through machine learning with billions of images and their tags. They then generate an image based on the textual input by matching those tags with their associated images. The following are free to use but have pay features as well.

NIGHTCAFE (CREDIT SYSTEM)

Provides five daily credits and rewards for badges and a daily challenge. Minor feature paywall. Great community.

DEEP DREAM (CREDIT SYSTEM)

Upgradeable tiers that give more credits per hour as you progress. Has a great community.

DREAM BY WOMBO (UNLIMITED FREE)

Has a mobile app and browser-based functionality. Some features are behind a paywall such as 4x image generation and premium styles,

STARRYAI (CREDIT SYSTEM)

Provides five daily credits. Paywall for some features.

ARTBREEDER (FREE QUEUE)

A unique option with the ability to draw or cut images on a canvas to influence generation. Minimal paywall.

PRODIA (UNLIMITED FREE)

Account not required. A dozen+ model options. Images are local only and not saved on the website.

OPENART.AI (CREDIT SYSTEM)

Several model options and 100 credits per day.

DREAMLIKE.ART (CREDIT SYSTEM)

Variable cost credit system and 24 credits per day.

AI CHATBOTS

CHATGPT (FREE VERSION)

Chatbots have been around for some time, but ChatGPT brought things to a new level in 2022. Since its release, major companies such as Microsoft and Google have rushed to compete in this society-changing field of technology. The information ChatGPT uses is not kept current. Sign-up requires sharing a mobile phone number to minimize abuse.

BING WITH CHATGPT (FREE)

Using the structure of ChatGPT and adding the power of Microsoft's Bing search engine has brought the chatbot to a new level. Overcomes ChatGPT's outdated information issue. It's also the only one that provides DALL-E image generation. Bing does require the use of Microsoft Edge on PC or the download of the Bing App on mobile devices.

GOOGLE BARD (FREE)

Google's quick response to ChatGPT and especially its competitor, Bing. It uses its own language model, LaMDA, rather than the GPT model from OpenAI. The model is built much lighter than GPT and may reflect this with results.

YOUCHAT (FREE)

Another alternative to ChatGPT, What YouChat is built on is unclear as some sources state GPT-3, but YouChat itself states that it is built on a different structure. The experience is similar, but not as fine-tuned as Bing. This was the least difficult to start using due to no sign-up.

HONORABLE MENTIONS

JASPER A business-focused AI that costs \$39/month.

CHATSONIC Includes voice dictation and runs \$13/month.

SOCRATIC Google's kid version of their chatbot. (iOS & Android)