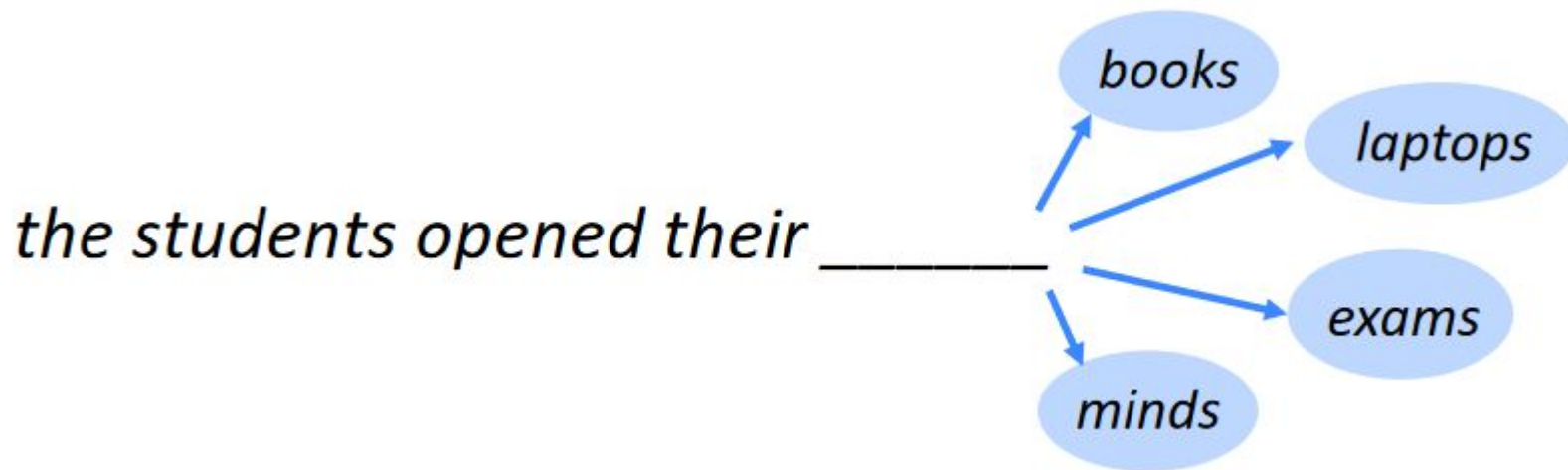


What is ChatGPT?

Discover an AI Chat Model, to automatically create text within a Chat interface.

What would be the next word in this sentence?

— — —

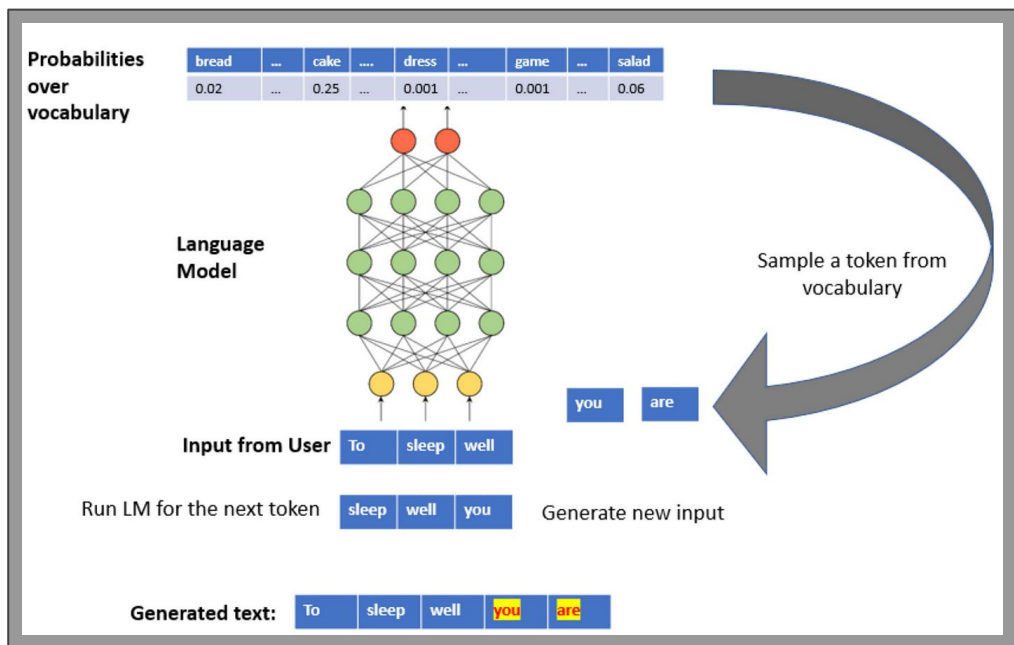


[Source](#)

Predicting The Next Word (token)

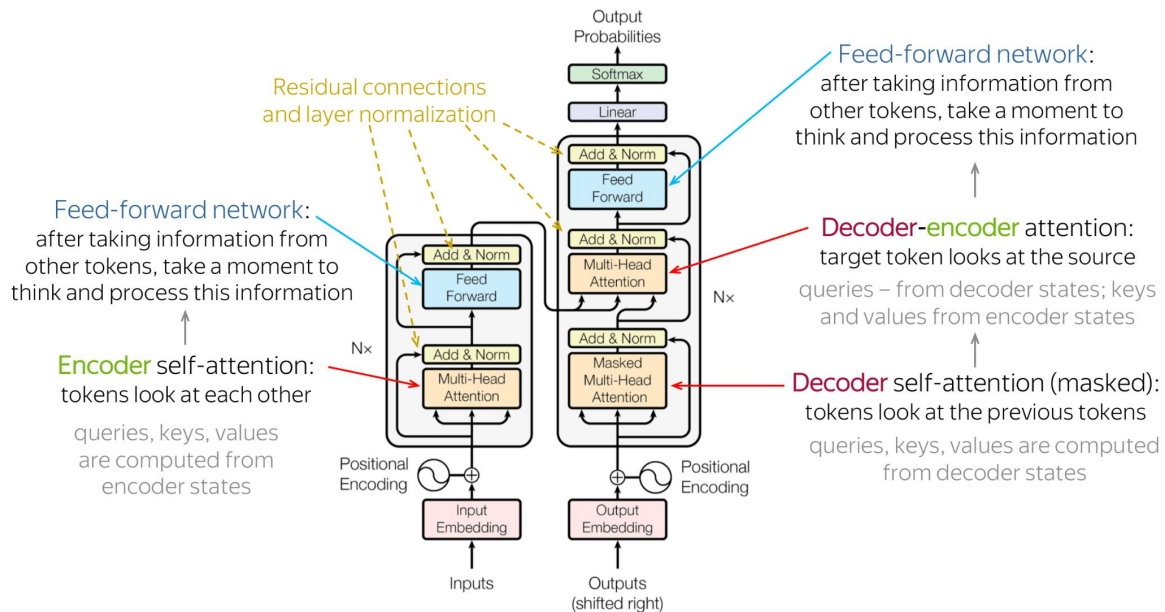
— — —

A large language model is selecting the *next most probable word*, given a known vocabulary.



[Source](#)

Transformer Models



[Source](#)

Training ChatGPT

Step 1

Collect demonstration data and train a supervised policy.

A prompt is sampled from our prompt dataset.



A labeler demonstrates the desired output behavior.

This data is used to fine-tune GPT-3.5 with supervised learning.

Step 2

Collect comparison data and train a reward model.

A prompt and several model outputs are sampled.



A labeler ranks the outputs from best to worst.

This data is used to train our reward model.

Step 3

Optimize a policy against the reward model using the PPO reinforcement learning algorithm.

A new prompt is sampled from the dataset.



The PPO model is initialized from the supervised policy.

The policy generates an output.

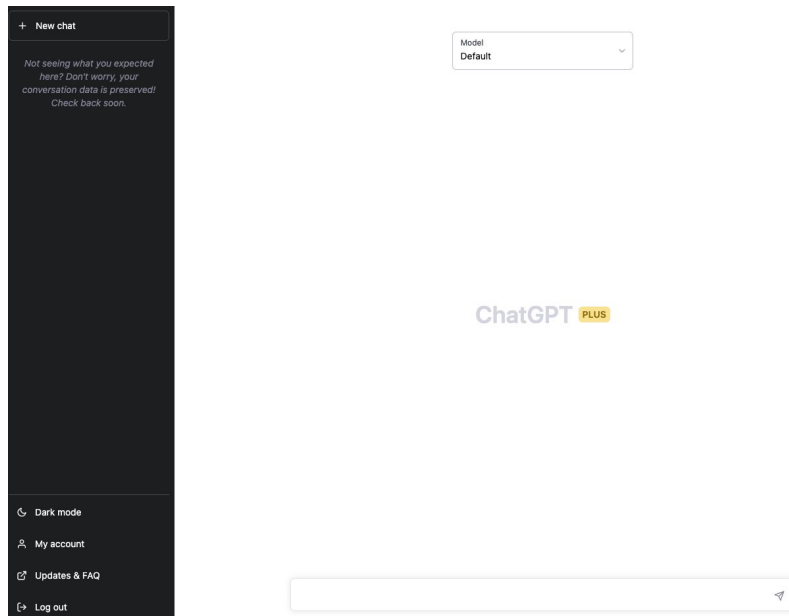
The reward model calculates a reward for the output.

The reward is used to update the policy using PPO.

[Source](#)

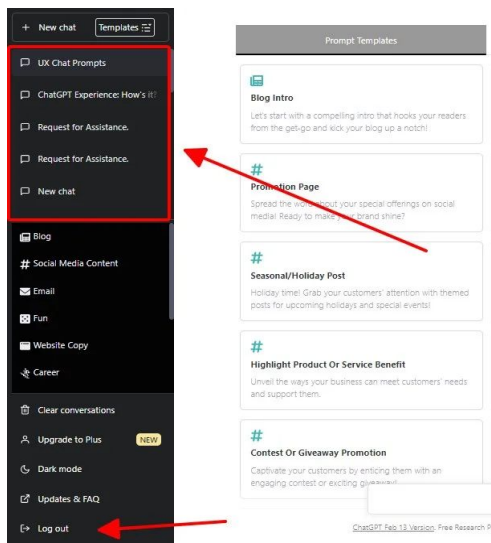
ChatGPT

- Created by OpenAI
- Accessed at chat.openai.com
- Free or a ChatGPT plus version (which comes with higher up-time and more features).

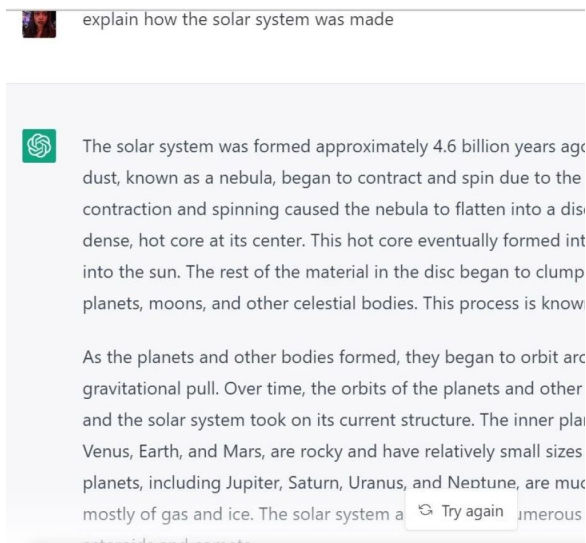


ChatGPT Features

Chat History

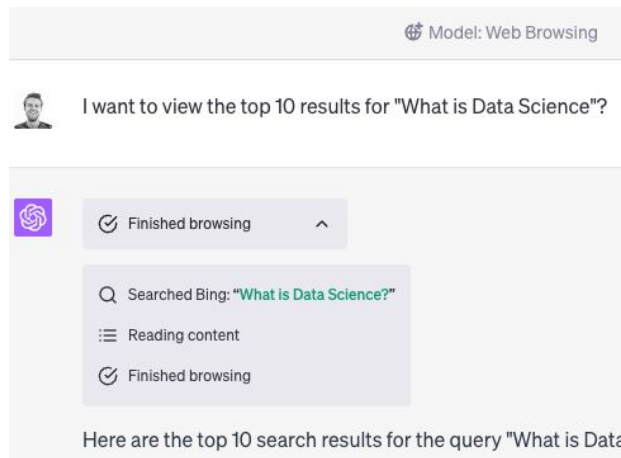


Text Generation

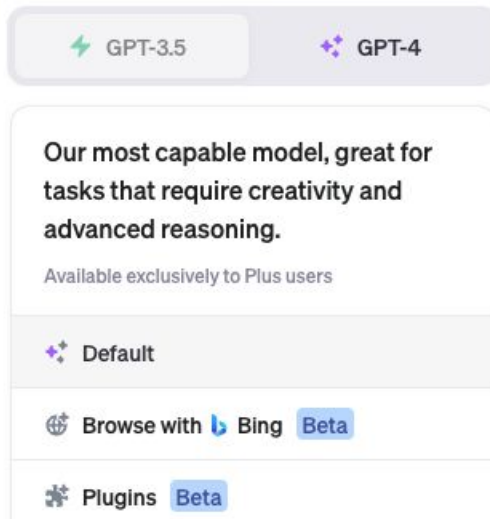


ChatGPT Plus Features

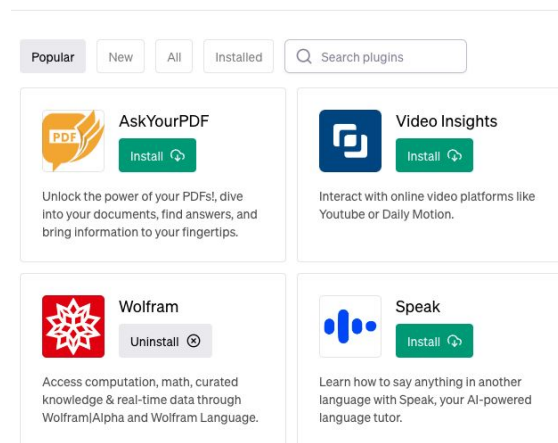
Web Browsing



Powerful Models




Plugins



ChatGPT Use Cases

— — —

Blog Posts

 Create me a blog post on where best to visit in the winter for the United Kingdom?

The Best Winter Destinations in the United Kingdom


The United Kingdom, with its rich history, diverse landscapes, and cultural heritage, is a fantastic destination to explore during the winter months. From snow-capped mountains to bustling city markets, there's something for everyone. Here are some of the best places to visit in the UK during winter.

1. London

London is a must-visit city at any time of the year, but it truly comes alive during the winter months. The city is adorned with Christmas lights, and there are numerous winter markets and ice rinks to explore. Don't miss the Winter Wonderland in Hyde Park, a festive extravaganza with rides, markets, and shows. The Natural History Museum also hosts a beautiful ice rink, and the view of the museum lit up at night is truly magical.

Social Media

 Write a social media post for the benefits of digital marketing?

 Powering up your business in the 21st century means embracing #DigitalMarketing. It's more than just being online; it's about leveraging the power of the internet to engage, inspire and attract your audience. 🌐

1 Accessibility: Your business is open 24/7 to a global audience. No geographical or time barriers! 🌐


2 Cost-Effective: Save money by reaching more people at a lower cost than traditional marketing methods. 💰

3 Real-Time Results: Track your campaigns in real-time and adjust on the go to ensure the best ROI. No more guesswork! 📊

4 Personalization: Cater to your audience's specific needs, tastes, and preferences. The more personalized the interaction, the better the customer experience! 💡

5 Analytics: With digital marketing, every click, share, and interaction can be measured. Use this data to drive decisions and fuel your future strategy. 📈

Automating Tasks

 Write an email to my lettings agency about the broken dishwasher, have a professional tone of voice.



Lettings agency name: Acme LTD
Address the email to: Sarah
My name: James

 Subject: Request for Repair of Broken Dishwasher - Property ID: [Insert Property ID]

Dear Sarah,

I hope this email finds you well. I am writing to bring to your attention an urgent matter regarding a broken dishwasher in the property I am currently renting. My name is James, and I am a tenant at [Insert Property Address], managed by Acme LTD.

I regret to inform you that the dishwasher in our property has encountered a malfunction and is no longer functional. Despite following the necessary maintenance guidelines, the appliance has ceased to operate effectively. As a result, it is no longer possible for me to complete my daily tasks efficiently, and it has become a significant inconvenience for my household.

Given the importance of this appliance, I kindly request your prompt attention to this matter. I would appreciate it if you could arrange for a repair technician to visit the property at your earliest convenience to assess the issue.  Regenerate response  carry out the necessary