

AI-based chatbots:

such as

*ChatGPT and
Google Bard*



Chat GPT

(g=generative, p=pre-trained, t=transformer)

- is a new artificial intelligence tool that came out November 2022.
- This powerful tool answers questions in a conversational style.
- You type your question and it types back...within seconds, no matter the question.
- You should have a (free) ChatGPT (<https://chat.openai.com/auth/login>) account from OpenAI



Welcome to ChatGPT

Log in with your OpenAI account to continue

Log in

Sign up

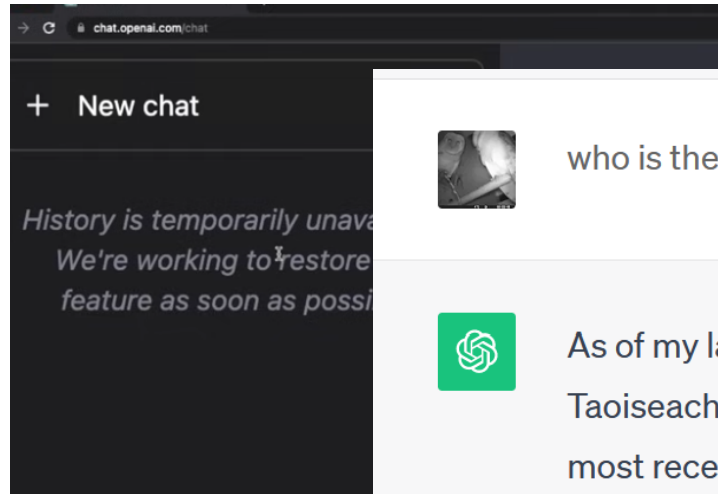
CHAT.OPENAI.COM

Current Research is Widely Available

Whilst some educators and practitioners see opportunities that tools such as ChatGPT can facilitate learning and development and have been calling for regulation, others see threats for the core mission of education: development and training to acquire knowledge and problem solving skills that could be applicable in a wide range of domains and time varying contexts, fairness in assessment, certification and meaningfulness of the education awards, and making inequality in education worse (Sukhpal Singh , et al., 2024)

References

Sukhpal Singh , G. et al., 2024. Transformative effects of ChatGPT on modern education: Emerging Era of AI Chatbots. *Internet of Things and Cyber-Physical Systems*, Volume 4, pp. 19-23.



Default (GPT-3.5)



who is the taoiseach of ireland



As of my last knowledge update in September 2021, Micheál Martin was serving as the Taoiseach of Ireland. However, political positions can change, and it's advised to check the most recent and reliable sources for the latest information.



Free Version 3.5

ChatGPT can now see, hear, and speak

We are beginning to roll out new voice and image capabilities in ChatGPT. They offer a new, more intuitive type of interface by allowing you to have a voice conversation or show ChatGPT what you're talking about.

Latest News
(September 25, 2023)

- <https://openai.com/blog/chatgpt-can-now-see-hear-and-speak>

Sept 28th '23
“ChatGPT can now
access up to date
information”

- OpenAI, the Microsoft-backed creator of ChatGPT, has confirmed the chatbot can now browse the internet to provide users with current information.

The artificial intelligence-powered system was previously trained only using data up to September 2021.



The move means some premium users will be able to ask the chatbot questions about current affairs, and access news.

- OpenAI said the feature would open up to all users soon.
- Earlier in the week, OpenAI also revealed the chatbot will soon be able to have voice conversations with users.



recommend 5 books about climate change



Certainly! Here are five highly regarded books that address various aspects of climate change:



1. **"This Changes Everything: Capitalism vs. The Climate" by Naomi Klein**

- Naomi Klein explores the relationship between capitalism and climate change, arguing that addressing climate change requires fundamental changes to our economic and political systems.

2. **"The Sixth Extinction: An Unnatural History" by Elizabeth Kolbert**

- Don't like the answer: **Regenerate** it



Used to generate Comparisons

1. Ask ChatGPT to tell you about the Sessile Oak

Too much info?

2. Ask to rewrite in under 100 words



what is the difference between a sessile oak and a red oak



Sessile oak (*Quercus petraea*) and red oak (*Quercus rubra*) are two distinct species of trees, and they differ in several characteristics. Here are some key differences between sessile oak and the red oak:

1. **Geographic Distribution:**

- **Sessile Oak:** Native to Europe, particularly Western and Central Europe.
- **Red Oak:** Native to North America, ranging from the northeastern United States and Midwest and as far south as Georgia.

2. **Leaves:**

- **Sessile Oak:** The leaves of sessile oak typically have short stalks or are nearly sessile. The leaf shape is often lobed, with deep, rounded lobes.
- **Red Oak:** Red oak leaves usually have longer stalks. The lobes on red oak leaves are typically pointed.

Use to for Creative Writing



write a 10 minute bedtime story that includes a caterpillar called Tom who falls off a tree and make it feel good and super funny



Once upon a moonlit night in the heart of Caterpillar Grove, there lived a plump and jolly caterpillar named Tom. Tom was not your ordinary caterpillar; he had a remarkable talent for telling jokes that could tickle the leaves on the trees.

One fine evening, as Tom was perched high on his favorite branch, sharing giggles with his



rewrite as a poem



In Caterpillar Grove where moonbeams play,
Lived Tom, a jolly one, in colors array.
Upon his branch, he'd spin a jest,
Tickling leaves, he was the jesting best.

But one eve, a whisk of wind did blow,
A gusty dance with the legendary Whisker in tow.
Tom tumbled down, a caterpillar's flight,
Yet he embraced the fall with sheer delight.

"Whoa-ho-ho! A caterpillar's flight divine,
The Great Tumbling Tom, the show is mine!"

Use to for Creative Writing



write an email to my lecturer to explain that I will be absent for December classes explaining that it's an important family event that I can't miss and I will keep up with the work



Subject: Request for Absence from December Classes Due to Family Event

Dear [Lecturer's Name],

I trust this email finds you well. I am writing to inform you in advance about my absence from the December classes. Unfortunately, there is an important family event scheduled during that time, and it is something I cannot miss.

I understand the significance of the content covered during these classes and assure you that I am committed to keeping up with the coursework. I am already in the process of organizing a study plan to ensure that I do not fall behind. I will make every effort to catch up on any missed lectures, assignments, or readings promptly.

write me an email template - i am applying to a bunch of jobs and want it to introduce myself and say how much i'm looking forward to applying.

Subject: Introduction and Interest in Job Opportunities

Dear [Hiring Manager's Name],

I hope this email finds you well. My name is [Your Name], and I am writing to express my interest in any job opportunities that may be available at [Company Name].

As a [Your Profession], I have gained extensive experience in [Your Field] and am confident in my ability to contribute to your team. I have attached my resume for your consideration, which outlines my skills and qualifications in more detail.



rewrite with the lecturers name Cara and my name is Caroline Cahill from the BSc in Computing, SETU



Subject: Request for Absence from December Classes Due to Family Event

Dear Cara,

I hope this email finds you well. I am writing to inform you in advance about my absence from the December classes in the BSc in Computing program. Unfortunately, there is an important family event scheduled during that time, and it is something I cannot miss.

I understand the importance of the content covered during these classes and want to assure you that I am committed to keeping up with the coursework. I am already in the process of organizing a study plan to ensure that I do not fall behind. I will make every effort to catch up on any missed lectures, assignments, or readings promptly.

Use to Brainstorm



im having ten 11 year old girls for a birthday party in my house. suggest that activities I can do



Certainly! Planning activities for a group of ten 11-year-old girls can be a lot of fun. Here are some activity ideas for a memorable birthday party:



1. **DIY Craft Station:**

- Set up a crafting station with various supplies like beads, glue, colored paper, and markers. Let the girls create their own jewelry, bookmarks, or personalized cards.

2. **Cupcake Decorating:**

- Bake some cupcakes in advance and let the girls have a blast decorating their own cupcakes with colorful frosting, sprinkles, and edible decorations.

10. **Make Your Own Sundae:**

- Set up an ice cream sundae bar with different ice cream flavors and an array of toppings like chocolate sauce, sprinkles, nuts, and whipped cream.

Remember to consider the interests of the birthday girl and tailor the activities to her preferences. With a mix of crafts, games, and treats, you're sure to have a fantastic birthday celebration!



expand on the sundae idea



Certainly! Creating a "Make Your Own Sundae" station can be a delightful and interactive activity that the 11-year-old girls will absolutely love. Here's an expanded plan for the sundae bar:



1. Ice Cream Variety:

- Start with a selection of different ice cream flavors such as vanilla, chocolate, strawberry,

Use to generate step by step guides



give me a step by step guide to creating a poster



Creating an effective poster involves thoughtful planning and design. Here's a step-by-step guide to help you create a visually appealing and impactful poster:

Step 1: Define Your Purpose and Audience

1. **Identify the Goal:** Determine the main purpose of your poster. Are you informing, persuading, or promoting an event?
2. **Know Your Audience:** Consider who will be viewing your poster. Tailor your content and design to appeal to that specific audience.

Use to get almost any ideas!!



give me six possible business names for selling eggs in an honest box



1. EcoEggs Express

- This name combines the ecological aspect of selling eggs in an honest box with the speed and convenience of your service.

2. FarmFresh Honest Eggs

- Emphasizing the freshness of your eggs and your commitment to honesty, the



these are a bit boring. Make them a bit more light hearted



Certainly! Here are six more light-hearted and playful business names for selling eggs in an honest box:



1. Eggstraordinary Honesty Hens

- This name adds a playful twist by incorporating "extraordinary" and emphasizes the honesty of your hens.

2. Cluckin' Honest Eggs Co.

- Injecting a bit of humor with the word "cluckin'" adds a cheerful vibe while



how would you build this business



Building a business centered around selling eggs in an honest box involves a combination of strategic planning, ethical considerations, and effective marketing. Here's a step-by-step guide on how you might build such a business:



1. Define Your Niche and Values:

- **Honesty and Transparency:** Clearly define your commitment to honesty and transparency in sourcing and selling eggs.
- **Sustainable Practices:** Consider adopting eco-friendly and sustainable practices in egg production, if feasible.

2. Establish the Egg Supply:

- **Local Farms or Suppliers:** Identify local farms or suppliers with a reputation for ethical and

Generate a name
for selling
Christmas trees

Use to Summarise Text



summarise this text into three main points: The European Commission has ruled out re-visiting Ireland's Nitrates Derogation decision. Ireland's current derogation is due to expire on 1st January 2026, and the derogation limit is due to reduce to 220kg/ha from 250kg/ha on 1st January 2024 in certain areas.

In a statement today, September 6th, the Minister for Agriculture, Food and the Marine, Charlie McConalogue T.D., said that the EU Commissioner for the Environment, Mr. Virginijus Sinkevičius had confirmed that there was no prospect of re-opening the current Commission decision conferring a derogation from standard Nitrates Directive rules on Ireland. This has occurred because the latest water quality results have not shown sufficient improvement.

Referring to the meeting, Minister McConalogue said: "I made a strong case to Commissioner Sinkevicius for the retention of Ireland's 250kg/ha derogation until the next review, based on Ireland's unique, grass-based agricultural system, the measures farmers had already taken to improve water quality, and the need for additional time to see the results of these measures in our water quality indicators.



1. The European Commission has ruled against revisiting Ireland's Nitrates Derogation decision, which is set to expire on January 1, 2026.
2. The current derogation limit of 250kg/ha is scheduled to reduce to 220kg/ha in certain areas on January 1, 2024.
3. Despite efforts by the Minister for Agriculture, Food, and the Marine, Charlie McConalogue, to retain the current derogation based on Ireland's unique agricultural system and water quality improvement measures, the decision remains unchanged due to insufficient improvement in water quality results.



Use to Summarise Text



summarise ireland's nitrates derogation decision



Ireland's Nitrates Derogation decision involves the European Commission ruling against reconsidering the derogation, set to expire on January 1, 2026. The derogation limit is slated to decrease from 250kg/ha to 220kg/ha in specific areas on January 1, 2024. Despite efforts by the Minister for Agriculture, Food, and the Marine to retain the current derogation, the decision remains unchanged due to insufficient improvement in water quality results.



rewrite making this more relevant to growing plants



Ireland's Nitrates Derogation decision, impacting the growth of plants, has seen the European Commission rejecting a review, with the derogation set to conclude on January 1, 2026. The derogation limit, affecting nutrient application to the soil, is scheduled to reduce from 250kg/ha to 220kg/ha in specific areas starting January 1, 2024. Despite appeals to maintain the current derogation from the Minister for Agriculture, Food, and the Marine, the decision stands due to inadequate improvement in water quality results, impacting the agricultural landscape and the cultivation of plants.

Use it to give you Pro's and Con's



find 3 scientific studies about this



I'm unable to directly fetch or provide real-time access to specific scientific studies. However, I can guide you on how to find relevant studies using academic databases or search engines. Here are steps to help you find scientific studies on the use of chemical sprays in agriculture:

1. PubMed:

- Use the PubMed database, a widely-used resource for biomedical literature.
- Go to the PubMed website (<https://pubmed.ncbi.nlm.nih.gov/>).
- In the search bar, enter keywords related to the use of chemical sprays in agriculture, such as "pesticide impact on crops" or "effectiveness of chemical sprays."
- Review the search results and select studies that match your criteria.



im deciding between going organic or not. Give me 5 of the main pros and cons of this



Pros of Going Organic:

1. **Environmental Benefits:**
 - **Pro:** Organic farming practices prioritize environmental sustainability by avoiding synthetic pesticides and fertilizers, reducing soil and water pollution, and promoting biodiversity.
2. **Healthier Products:**
 - **Pro:** Organic products are often perceived as healthier since they are grown without synthetic chemicals. They may have higher nutrient levels and fewer pesticide residues.
3. **Soil Health:**
 - **Pro:** Organic farming emphasizes soil health through practices such as crop rotation, cover cropping, and the use of organic matter, which can improve soil structure and fertility.
4. **Support for Local Agriculture:**
 - **Pro:** Organic farming often aligns with local and small-scale agriculture, contribut

Regenerate



make this answer more in relation to use of chemical sprays



Pros of Using Chemical Sprays:

1. **Higher Yields and Efficiency:**
 - **Pro:** Chemical sprays, such as synthetic pesticides and fertilizers, can contribute to higher crop yields and increased efficiency in agriculture by effectively controlling pests and enhancing plant growth.
2. **Cost-Effective:**
 - **Pro:** Chemical sprays are often more cost-effective in terms of both time and money. They require less labor and can be applied in a targeted manner, optimizing resources.
3. **Precision in Pest Control:**
 - **Pro:** Chemical sprays provide precise control over pests and diseases, offering a reliable and immediate solution to protect crops from potential damage.
4. **Extended Shelf Life:**

Regenerate

Use to get quotes



what are the 3 most famous quotes about nature



Nature has inspired countless profound and beautiful quotes throughout history. Here are three of the most famous quotes about nature:



1. **"Look deep into nature, and then you will understand everything better."**
 - **Albert Einstein**
 - This quote by the renowned physicist and philosopher suggests that by observing and connecting with nature, one gains a deeper understanding of the world and its intricacies.
2. **"The clearest way into the Universe is through a forest wilderness."**
 - **John Muir**
 - A naturalist and environmentalist, John Muir's words emphasize the transformative power of nature, suggesting that venturing into the wild provides a clear path to connect with the broader universe.
3. **"In every walk with nature, one receives far more than he seeks."**
 - **John Muir**
 - Another gem from John Muir, this quote highlights the idea that spending time in nature brings unexpected rewards and benefits beyond what one may initially seek or anticipate.

These quotes reflect the profound impact that nature has on human understanding, perspective, and well-being, expressed by some of history's most influential thinkers.

Use to get Feedback on your Text

how would you re-write this



give me feedback on this text - tell me what's good and what's bad about it and what I can improve on



how would you re-write this in 500 words



- Copy and paste YOUR text
- Lecturers could use this to assist with grading

Use for Role Play



i have an interview at teagasc. please conduct a practice interview with me



Certainly! Let's proceed with a practice interview for your Teagasc interview. I'll ask you some common interview questions, and you can respond as you would in a real interview. Feel free to answer naturally, and we can discuss any areas you might want to improve afterward.



1. Can you tell me a bit about yourself and your background, especially as it relates to the position you're applying for at Teagasc?

2. What motivated you to apply for a position at Teagasc, and what do you know about our organization's mission and goals?

3. Based on your resume, it seems you have experience in [mention relevant experience]. Can you elaborate on your role in this experience and how it has prepared you for the responsibilities of the position you're applying for?

4. Teagasc values innovation and research. Can you share an example from your previous work or academic experience where you demonstrated creativity or a strong research-oriented approach?

5. In this role, you may need to work collaboratively in a team. Can you provide an example of a situation where you effectively collaborated with others to achieve a common goal?

Use for Role Play




I want to work at teagasc because I want to be rich




While financial stability is a valid motivation for seeking employment, it's essential to approach job interviews with a focus on professional growth, skill development, and a genuine interest in the organization's mission. Employers, including Teagasc, typically look for candidates who are passionate about their field, committed to the organization's goals, and capable of contributing effectively.

In your response, consider highlighting elements beyond financial motivations. Discuss your interest in Teagasc's work, the alignment between your skills and their requirements, and your enthusiasm for contributing to the organization's success. This approach demonstrates a more well-rounded and authentic motivation for wanting to join Teagasc. Remember to emphasize how your skills and values align with the organization's mission and contribute to its success.

Use it to Explain different Concepts

 if a plot has a diameter of 10m, how much grass seed would I need

 To determine how much grass seed you would need for a plot with a diameter of 10 meters, we first need to calculate the area of the circular plot. The formula for the area (A) of a circle is:


$$A = \pi r^2$$


where r is the radius of the circle.


Given that the diameter (D) is twice the radius (r), we can use the following relationship:

$$r = \frac{D}{2}$$


So, for your plot:


 Regenerate

 how many KG's of wild flower seed would I need for this

 To determine the amount of wildflower seed you would need for a circular plot with a diameter of 10 meters, you can follow a similar approach as with the grass seed. The key is to know the recommended seeding rate for wildflowers, typically provided in kilograms per square meter (kg/m^2). Let's assume a seeding rate of $Y \text{ kg/m}^2$ for wildflowers.

1. **Calculate the Area (A):**
 - We've previously calculated the area of the circular plot as $25\pi \text{ m}^2$.
2. **Determine the Seeding Amount (W):**
 - Assuming a seeding rate of $Y \text{ kg/m}^2$, the seeding amount for wildflowers is $W = A \times$

 can you explain your answer

 Certainly! Let's break down the calculation step by step:

1. **Find the Radius (r):**
 - The diameter (D) is given as 10 meters. The radius (r) is half of the diameter, so $r = \frac{D}{2} = \frac{10}{2} = 5$ meters.

Ask for Help with ChatGPT Commands

i have an essay i wrote and i want to know what types of commands i can ask you, regarding editing my content



Opportunities

- 24/7 support and accessibility
- Personalized Learning and Tutoring
- Supplemental Learning Resource
- Language Learning and Communication Skills
- Support for Instructors and Teaching Assistants
- Innovative Learning Experience
- Research and Data Analysis

Challenges

- Academic Integrity
- Quality Control
- Personalized Learning
- Expertise and Authority
- Communication and Collaboration

Integrating ChatGPT in Higher Education

- Lack of Awareness
- Technological Barriers
- Resistance to Change
- Ethical and Privacy Concerns
- Academic Rigour and Quality
- Resource Constraint
- Legal and Regulation Consideration

Barriers

- Policy Development
- Education and Training
- Collaboration and Interdisciplinary Efforts
- Research and Development
- Ethical Review Process
- Continuous Monitoring and Evaluation

Priorities

ChatGPT and Plagiarism

- Plagiarism is defined as taking someone else's work and passing it off for your own.
- See [SETU's anti-plagiarism policy](#)



Summary

HOW TO GET BETTER ANSWERS

1. Be very specific
and very clear
with prompts
2. Give a lot of
feedback
$$\begin{array}{ccc} \text{more} & = & \text{better} \\ \text{feedback} & & \text{answers} \end{array}$$
3. Be patient



What are the improvements for ChatGPT-4

- Multimodal – text inputs & image inputs
 - More Accurate
-
- \$20/month (Oct 2023)
 - Cap of 25 messages every 3 hours

What have you learned?

- <https://www.menti.com/zrja3v8htf>

