

### What is ChatGPT?

ChatGPT (Generative Pre-trained Transformer) is an open-source, groundbreaking Artificial Intelligence (AI) technology that allows you to generate human-like conversations.

It is a chatbot framework powered by the GPT-3 natural language processing model from Open AI used to generate responses to user inputs. It was designed to be used in a variety of applications such as customer service, virtual assistants, and chatbots.



To begin using ChatGPT, simply follow these steps:

1. Visit the ChatGPT website <http://www.ChatGPT.com> and click "Sign Up."
2. Enter your email address, username, and secure password.
3. Click the "Create Account" button.
4. Verify your account via the email sent to you.
5. Log into your new ChatGPT account.
6. Set up your account preferences, including language and time zone.
7. From the top of the screen, click **Playground**, type in your request in natural language, and press **Submit** from the bottom.
8. Review the ChatGPT response and adjust your request accordingly.

A screenshot of the ChatGPT Playground interface. The top bar includes 'Playground', 'Upgrade', 'Help', and a user profile for 'Montgomery Coll'. Below the bar, there's a 'Playground' title, a language dropdown set to 'Grammatical Standard English', and buttons for 'Save', 'View code', and 'Share'. The main text area contains a prompt: 'Correct this to standard English: She no went to the market.' followed by the AI response: 'She did not go to the market. complete the thought She did not go to the market, so she had to find another way to get the items she needed.' A 'Submit' button is at the bottom left, and a '55' character count is at the bottom right. On the right side, there are settings for 'Mode', 'Model' (text-davinci-003), 'Temperature' (0), and 'Maximum length' (60).

9. Once you have a satisfactory response, you can copy and paste it into a document or save your conversation for future use.

10. From the right side of the screen, ChatGPT settings can be adjusted to increase or decrease the length of the response and inject a start and restart text, among other options.

### Risks of Using ChatGPT in Education

1. **Data Privacy and Security Risks:** ChatGPT collects and stores data from users' conversations, and this data may be vulnerable to theft or exploitation. Furthermore, the data is not guaranteed to be secure and protected from unauthorized access.
2. **Misinformation:** ChatGPT may provide inaccurate or misleading information, which could lead to confusion or frustration.
3. **Lack of Human Interaction:** ChatGPT may lack the human element necessary for effective education, as it cannot provide feedback or support to students in a meaningful way.
4. **Limited Educational Benefits:** ChatGPT will not provide the same educational benefits as direct instruction from an experienced instructor.

### How can Instructors Avoid Cheating with ChatGPT?

1. Have students submit their work to you electronically to review it for signs of plagiarism.
2. Monitor student activity while they are using ChatGPT, and intervene if you see any signs of cheating.
3. Explain the consequences of cheating to students and emphasize the importance of honest work.
4. Create a classroom environment that encourages collaboration and legitimate learning.
5. Give students frequent feedback on their work, so they feel rewarded for genuine effort.

### How Should Instructors Adjust their Teaching Style to Avoid the Use of ChatGPT?

Instructors should focus on providing a personalized learning experience for their students. This could include a variety of different strategies, such as providing individualized feedback on student work, guiding students through activities and discussions, and providing clear and concise explanations of course materials. Additionally, instructors should ensure that their lectures are interactive and engaging and that they are giving students opportunities to ask questions.

Finally, instructors should ensure that they are providing a safe and supportive learning environment for their students. This could include creating a code of conduct, setting clear expectations for student behavior, and reinforcing the appropriate use of ChatGPT. By creating an environment of trust and respect, instructors can help to reduce the use of ChatGPT and promote a more effective learning experience.

### Potential Misuses of ChatGPT

1. ChatGPT can be used to generate text that appears to be from a trusted source but may contain false or misleading information.
2. ChatGPT can generate text which may contain offensive or inappropriate language.
4. ChatGPT can be used to generate content that can be misrepresented as being created by a human author.
5. ChatGPT may generate content that may include copyright infringements.

### Balancing AI in the Classroom

Balancing AI in the classroom requires careful consideration of the potential advantages and disadvantages. AI should not be seen as an instructor replacement but rather as a tool that can help enhance the learning experience. By taking precautions, AI can be effectively integrated into the classroom to help students learn in meaningful and personal ways.

\*This explanation was created using the ChatGPT program.

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