

Responsible use of AI - Activities and questions

Being responsible users of AI

Discussion questions

- Do you think AI can help you be more creative, or do you think it might stop you from coming up with your own ideas?
- How can you use AI to help with your creativity without losing your own voice?
- Why might you not want an AI tool to be trained on the data you give it?
- Are there situations where you would want an AI tool to be trained on the data that you give it?
- What does it mean when we say AI can be "biased," and how can you tell if something the AI gives you is unfair?
- Why is it important to let others know when you've used AI?

Multiple choice questions

Answers begin on page 6.

- What should you do if you think an AI tool has provided a biased viewpoint while helping you research for an essay?
 - A) Accept the AI's output because it's based on data.
 - B) Check the information to ensure it is fair and not favoring one side unfairly.
 - C) Ignore the bias and use the information in your essay.
 - D) Assume the AI cannot be biased because it is a machine.

- What is a responsible way to handle personal information when using AI tools?

- A) Always provide as much personal information as possible to improve AI accuracy.
- B) Share personal details only with AI tools that guarantee data privacy.
- C) Avoid sharing your own or others' private details in AI tools to protect privacy.
- D) Trust that AI tools will automatically protect all personal information.

- What is an important step to take when using AI-generated information?

- A) Trust the AI completely and use the information without checking it.
- B) Fact-check the information to make sure it's correct.
- C) Assume that AI-generated information is always more accurate than human-generated content.
- D) Only use AI-generated information if it supports your existing opinions.

- How can you find out if your inputs are used to train the AI model behind a tool?

- A) By checking the tool's terms and conditions or privacy policy.
- B) By asking the AI directly during a chat session
- C) Don't check - assume that all AI tools use inputs for training without exception.
- D) By looking at the AI tool's logo or branding.

- Why might you not want an AI tool to be trained on the data you give it?

- A) Because the AI might accidentally share your data with other users.
- B) Because you might give it bad quality data that will confuse it
- C) Because once the AI is trained on your data, it might be impossible to remove it.
- D) Because the AI might forget the information after a while.

Ethical issues around AI

Activities

AI Ethics Debate: Divide the class into two groups and assign each group a stance on the ethical implications of generative AI content. One group will argue in favor of stricter regulations and limitations on AI content generation, while the other group will argue for more freedom and less regulation.

Students will research and prepare their arguments, considering factors such as privacy concerns, potential misuse, and the impact on society.

They will then engage in a class debate, presenting their viewpoints and countering the arguments of the opposing group. This activity will encourage students to explore different perspectives and develop their communication and persuasion skills.

Discussion questions

- Do you think it's okay for AI companies to use things like pictures, songs, and stories from the internet without asking the people who made them? Why or why not?
- How would you feel if something you created was used to train an AI model without you knowing?
- What could be some fair ways to compensate creators whose work is used by AI companies?
- How can we make sure the people who help build AI are treated fairly?
- How do you think the increase in use of AI tools could affect the environment?
- What are some ways we can reduce the effects of AI on the environment?
- AI can make pictures, videos, and even voices that look and sound real but aren't. How can we make sure we don't get tricked by something that was made by AI?
- If you saw a label that said something was made by AI, would it change how you feel about it? Why?

Multiple choice questions

Answers begin on page 7.

- Why is the high energy use of AI systems an environmental concern?
A) Because it makes AI systems run slower.
B) Because it can contribute to climate change and use a lot of natural resources like water.
C) Because it means they take longer to build
D) Because it causes computers to overheat.

- What are developers doing to reduce the environmental impact of AI systems?

- A) They are shutting down all AI systems to save energy.
- B) They are developing smaller models that can perform the same tasks but use less power.
- C) They are asking users to only use AI systems at night when energy is cheaper.
- D) They are switching to solar-powered computers to run AI systems.

- Why is the way data is collected to train AI models sometimes considered unfair?

- A) Because the AI models forget the data after using it once.
- B) Because AI models don't actually need any data to function.
- C) Because
- D) Because the data is often collected without asking the original creators for permission or paying them.

- What is a "deepfake"?

- A) A video or image that shows a real event happening.
- B) A type of AI-generated content that makes it look like someone is saying or doing something they never actually did.
- C) A harmless AI-generated cartoon.
- D) A special kind of photograph that is created by professional photographers.

- What are developers of AI systems doing to help people identify AI-generated content?

- A) They are creating AI systems that remove all fake content from the internet.
- B) They are banning the use of AI for creating content.
- C) They are making AI-generated content less realistic.
- D) They are working on ways to label content created by AI, though this isn't common yet.

- What problem arises because of how realistic AI-generated content can be?

- A) It makes all online content less enjoyable.
- B) It makes it harder to distinguish between what is real and what is fake.
- C) It helps people understand complex topics more easily.
- D) It causes people to stop using the internet altogether.

Multiple choice question answers begin on the following page.

Being responsible users of AI - Answers

- What should you do if you think an AI tool has provided a biased viewpoint while helping you research for an essay?

Answer: B) Check the information to ensure it is fair and not favoring one side unfairly.

Feedback: Correct! It's important to review AI-generated content for bias to ensure that the information is balanced and fair, reflecting a full and accurate perspective.

- What is a responsible way to handle personal information when using AI tools?

Answer: C) Avoid sharing your own or others' private details in AI tools to protect privacy.

Feedback: Correct! Being careful about what personal information you share with AI tools helps protect your privacy and the privacy of others, as once data is used to train AI, it may be difficult or impossible to remove.

- What is an important step to take when using AI-generated information?

Answer: B) Fact-check the information to make sure it's correct.

Feedback: Correct! AI tools can sometimes produce incorrect or misleading information, so it's important to verify the accuracy of AI-generated content through additional research or by consulting experts.

- How can you find out if your inputs are used to train the AI model behind a tool?

Answer: A) By checking the tool's terms and conditions or privacy policy.

Feedback: Correct! The terms and conditions or privacy policy of the AI tool will usually explain how your inputs might be used, including whether they are used to train the AI model. It's important to read these details to understand how your data is being handled.

- Why might you not want an AI tool to be trained on the data you give it?

Answer: C) Because once the AI is trained on your data, you might not be able to remove it.

Feedback: Correct! If you let an AI tool use your data to train itself, that data becomes part of how the AI works, and it may be very difficult or impossible to take it back or delete it later. This is why you should think carefully about what information you share

Ethical issues around AI – Answers

- Why is the high energy use of AI systems an environmental concern?

Answer: B) Because it can contribute to climate change and use a lot of natural resources like water.

Feedback: Correct! AI systems require a lot of energy, which can contribute to climate change and other environmental impacts, like using large amounts of water for cooling.

- What are developers doing to reduce the environmental impact of AI systems?

Answer: B) They are developing smaller models that can perform the same tasks but use less power.

Feedback: Correct! Developers are working on creating smaller, more efficient AI models that use less energy, helping to reduce the environmental impact of AI systems.

- Why is the way data is collected to train AI models sometimes considered unfair?

Answer: D) Because the data is often collected without asking the original creators for permission or paying them.

Feedback: Correct! Many AI models are trained using data taken from the internet without the creators' permission or compensation, which is why some creators feel their work is being used unfairly.

- What is a "deepfake"?

Answer: B) A type of AI-generated content that makes it look like someone is saying or doing something they never actually did.

Feedback: Correct! A deepfake is an AI-generated video or image that can make it look like someone did or said something they never actually did, which can be used to deceive people.

- What are developers of AI systems doing to help people identify AI-generated content?

Answer: D) They are working on ways to label content created by AI, though this isn't common yet.

Feedback: Correct! Some developers are trying to create labels for AI-generated content so that people can tell when something was made by AI, but this practice isn't widespread yet.

- What problem arises because of how realistic AI-generated content can be?

Answer: B) It makes it harder to distinguish between what is real and what is fake.

Feedback: Correct! The realism of AI-generated content can make it difficult to tell the difference between what is real and what is fake, which is why it's important to be careful when evaluating online content.