



Technical College System of Georgia

Generative AI
Best Practices

What is Generative AI?

Generative AI describes a category of artificial intelligence used to create new, original content like images, text, and audio. This is accomplished with machine learning which enables computers to generate new content in response to prompts from the user.

Examples

Popular implementations of generative AI include:

- Dall-e
- Midjourney
- ChatGPT from OpenAI
- Stable Diffusion
- <https://youtu.be/R0NAz1vMWfE>

How does it affect us?

Use Cases

Generative AI can be used to automate tasks like captioning images and videos, product descriptions, and news articles. It can be used to create personalized recommendations for customers. It can power chatbots and virtual assistants such as ChatGPT and Amazon Alexa. It can also be used to create medications and identify potential treatments for diseases.

Concerns

While generative AI is a powerful tool with many benefits, it may also raise issues relating to copyright infringement, bias in the generated content, and ethical considerations surrounding the use of AI to create content without human input.

Generative AI Tools

- ChatGPT
<https://chat.openai.com/auth/login>
- The Good AI
<https://www.the-good-ai.com/>
- <https://fortune.com/2023/01/31/chatgpt-open-ai-new-tool-catch-students-cheating/>
- <https://www.businessinsider.com/turnitin-will-detect-chatgpt-answers-openai-product-teachers-ai-speech-2023-1#:~:text=Execs%20at%20anti%2Dcheating%20company,because%20it's%20%22extremely%20average.%22>
- Many more out there and many more to come...

Research and Resources

Chat GPT tutorial for teachers: <https://www.youtube.com/watch?v=dvcORCajeeo>

Fast.ai's "Practical Deep Learning for Coders" course: <https://course.fast.ai/>

This free course covers the basics of deep learning, including how to build neural networks and use pre-trained language models like ChatGPT. It includes hands-on exercises and real-world examples of how to use deep learning in practice.

ChatGPT (AI) and Education Playlist:

https://www.youtube.com/watch?v=hFblu_BbxO4&list=PLDT0E1aDmrXvxlNI7jjNsMGnQeOesMgOC

View-only link: <https://wakelet.com/wake/oMv6hkbSGFYBPXHoAtf-k>

English video Example: <https://www.youtube.com/watch?v=R0NAz1vMWfE>

<https://gvtc.tcsq.edu/airesearch/Training>

Nursing References

- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8328269/>
- NCSBN to address at midyear meeting
March 2023.

Let's Discuss

- Share your experience
- What are ways you can use this in your classrooms?
- What are ways to include any restrictions on it's use in the syllabus?