

Assignment 1 Short Essay About Generative AI

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Write a short essay (250-350 words) summarizing your current understanding of generative AI and its applications in creative fields. Identify one work of generative AI-driven art that inspires you and explain why.

Honestly, I do not extensively know about how generative AI works and the entirety of its applications within creative fields. Generative text I know the bare minimum of how it operates such as markov-chains, tokenization, and weights but the specifics and mathematics behind how they work is still quite the mystery to me. For audio and image generation, I assume there is not exactly one tried and true method for the generative process as each program probably uses their own selective way of generating content. As for applications within the creative field, it is still very controversial to use generative AI and pass it off as your own personal product without indicating that it has been used. Automating repetitive tasks, simulations, and scraping through large datasets in my opinion are definitely the most ethical use cases for generative AI, there is also something that could be said about generating high quality textures for video games because of the amount of time required to create a fully fleshed out materials. A fashion studio by the name of *neuronprolapse* on Instagram are one of the only generative AI-driven artists that inspire me because they work in tandem with AI to create their biosynthetic clothing, what I loved about early generative AI was the fuzzy dreamlike uncanny qualities that was embedded into each image and this studio replicates this uncanniness to a similar degree. Going forward, I hope to create generative AI that is not solely reliant on prompts alone and rather fuses itself within my creative process to act as a hybrid artistic body.