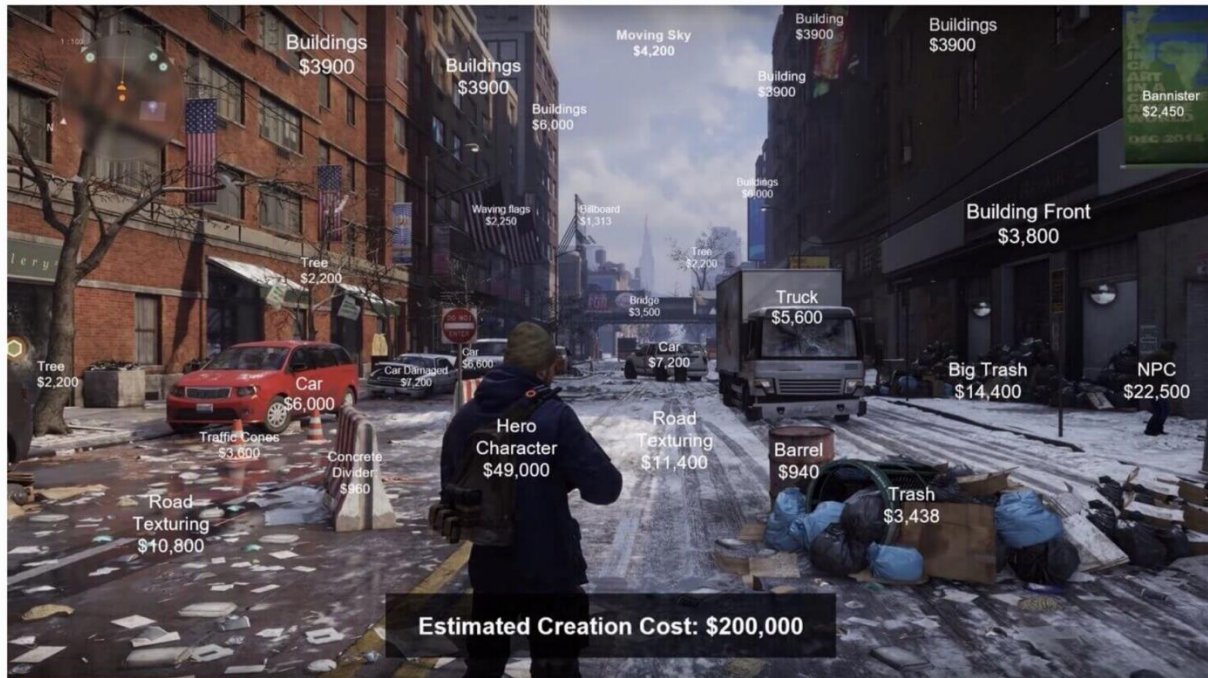


ETHICAL USE OF AI FOR ARTISTS

Money Rules

The image below shows how a single scene in a video game can run an estimated cost of \$200,000 purely from the objects you can see.



Many ways to use AI

What Is Facial Recognition?

Facial recognition is one of the front-runner applications of AI. It is one of the advanced forms of biometric authentication capable of identifying and verifying a person using facial features in an image or video from a database.

An example is given [here](#).



Best Generative Art Software:

There are many tools, programs, frameworks and languages that make it easy to start creating your own algorithmic art. We've listed a few of the more popular ones below to help get you started.

- [Processing](#) - Our staff pick. This is a powerful programming language and development environment for code-based art.
- [openFrameworks](#) - A popular open source C++ toolkit for generative and algorithmic art.
- [Cinder](#) - An open source C++ library for creative coding.
- [C4](#) - An open source iOS framework for generative art.
- [Unity](#) - A powerful game engine that can help with generative art and large-scale installations.
- [PlayCanvas](#) - A collaborative WebGL engine that works in real-time.
- [hg_sdf](#) - A GLSL library for signed distance functions.
- [HYPE](#) - A collection of classes that does a lot of heavy lifting with minimal code required.
- [nannou](#) - An open source framework for creative coding in Rust.
- [thi.ng](#) - An open source collection of Clojure and ClojureScript design tools.
- [PixelKit](#) - An open source Swift framework for live graphics.
- [OPENRNDR](#) - An open source Kotlin library for generative art.
- [Phaser](#) - An HTML5 framework for games that uses Canvas and WebGL.
- [Canvas-sketch](#) - An HTML5 framework for generative artwork in JavaScript and your browser.



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960

[New Notebook](#)
[Download \(2 GB\)](#)


Best Artworks of All Time

Collection of Paintings of the 50 Most Influential Artists of All Time



[Data Card](#) [Code \(113\)](#) [Discussion \(1\)](#)

About Dataset

Context

After being challenged many times by my girlfriend about who is the best to guess the painter, I decided to use the power of machine learning to defeat her. I gathered a collection of artworks of the 50 most influential artists of all time. I added a dataset with basic information retrieved from wikipedia. I planned to create a convolutional neural network to recognise the artists looking the colors used and the geometric patterns inside the pictures.

Content

This dataset contains three files:

- **artists.csv**: dataset of information for each artist
- **images.zip**: collection of images (full size), divided in folders and sequentially numbered
- **resized.zip**: same collection but images have been resized and extracted from folder structure

Use *resized.zip* allows you to download less data and process faster your model.

Usability

7.06

License

CC BY-NC-SA 4.0

Expected update frequency

Not specified

Tags

Arts and Entertainment

Computer Science

Image

Classification

Art

Module Discussions:

#1 HOW CAN I USE AI ART ETHICALLY?

For personal use, AI could be an excellent tool! You could enter a prompt of your vision or idea, then collect the generated images that you like so you can then CREATE YOUR OWN ART with the generated images in mind. That is, not copy an AI image, but use it as an “idea tool”. In this case, YOU remain the artist.

In this example, you absolutely can use your personally created art — assisted by AI image generation as part of your process — for art. And you would retain the full copyright.

This is a similar idea to using stock photos to help artists create their art. Stock photos aren’t the final art. Nor are they copied exactly and reproduced. They are a step along the way — a tool — for the artist to create their own original work. (It should be noted that stock image creators will often get credited by transparent artists too, and that helps everyone.)

Unfortunately, this use doesn’t really speed up the process of finding the right image, that has the potential for profit, for your artwork

Ethical AI Art Use #2: Use your own portfolio of original art for the AI to generate images from

This is a workaround, and not completely clean as AI generators still pull data from a variety of other places (art and artists) that you don't include in your prompt, but it is more "yours" than putting in prompts without names, or prompts with names other than yours.

The funny thing about this use is it *might* feel like you're taking a shortcut, like cheating, which is something to mull on.

Note: If you feel this way about doing this with your own art, how much stronger would that feeling be if you found out people were using your art for themselves this way?

If you took the extra step and, like suggestion #1, then re-created the image in your usual media (eg. drawing or Photoshop), this use would then be considered as a tool, and completely ethical. Basically, it might speed things up for you somewhat as an artist, but it still requires you to put in that physical effort and make the final image yourself.

Ethical AI Art Use #3: Create your own vision/concept boards

In a similar manner to the point above, AI art could be great for generating images to your specifications for a vision board.

Concepts boards would be a great use too if you use them as part of your creative work. Independent artists could make good use of this aspect of AI Art, because, again, it's being used as a tool; not to replace the artist of the finished art.

Note: Concept artists are a specially-skilled group of artists who are, rightly, greatly admired. They are those rare folks who can capture the visions of their mind's eye and put them on paper — or screen — for all to see, and their teams to use. Concept artists are key for filmmakers especially, to coordinate the efforts of their team so they can all work toward a finished, seamless product. In order to protect the work and skills of these artists, it is likely we will see laws emerge around the idea of AI-generated concept art, so it doesn't replace these unique and special artists.

For the independent filmmaker or artist who doesn't have access to these niche-skilled people, using AI art for concept boards may be, at present, a legitimate and ethical use of this tool. It's easy to see how companies in particular could use this aspect to replace artists in the future, though, so expect some legal limitations to be put in place.

In the meantime, as long as you're not publishing a book with your "concept art" for your movie, this could be a valuable process tool.

Ethical AI Art Use #4: Advocate for a non-exploitative and fair AI art system

I will quote a paragraph from makeuseof.com since it summarizes this well:

What you can do to improve the situation is add your voice to calls for laws that protect artists' property, and for developers of AI generators to change how their engines acquire data. For example, images with copyright metadata should be off-limits, unless the artists give permission and get paid accordingly.

I would also recommend calling for laws with heavy penalties for violators of this new copyright protection, as well as supporting avenues of pursuing these penalties for individual artists that don't put them at personal risk.

While copyright law is the same for visual art as it is for music (believe it or not), the music industry is more respected by the public when it comes to reproducing and using music. This isn't because the penalties are harsher — it's just that historically the music industry has relentlessly pursued their rights and reparations, so people think twice before bootlegging and other forms of illegal use.

Interestingly, the company [Stable Diffusion](#) (one of the popular AI systems being used) states they only use copyright-free *music* for Dance Diffusion,

"because diffusion models are prone to memorization and overfitting, releasing a model trained on copyrighted data could potentially result in legal issues. In honoring the intellectual property of artists while also complying to the best of their ability with the often strict copyright standards of the music industry, keeping any copyrighted material out of training data was a must." (Stable Diffusion source via [@chrisbeatriceart](#) on Instagram)

As [Chris Beatrice](#) puts it:

Translation: We violated the copyright of millions of visual artists because, unlike with the music industry, we thought we could get away with it.

So, speak up on behalf of visual artists, *all* of whom are having their works online being used without their permission, to assist in generating those gorgeous images.

CONCLUSION:

Is there a way to create and use AI-generated Art ethically, as is, for profit?

The clear answer at present, sadly, is NO.

Once any question of money and earnings enters the situation exploitation of artists is the reality and it's important that AI Art only be used in a limited manner, as a true tool; not as a replacement for artists.

CHECKLIST FOR FUTURE:

Tips to keep you ethical if you're using AI art

- **Don't try to profit** from AI-generated Art — even if you're a visual artist yourself.
- **Be transparent** about your use — AI art images have been declared “not copyrightable” so they're legally free to use and put on your social media, but it helps everyone if you're upfront about your use! **Label it** #Alart on socials, and add a line making it clear this was AI-generated, or mark the image as “AI generated”. Honesty is your best policy here.
- **Be honest about your role** — Creating AI images does not give you the right to call yourself a Digital Artist. This is important, and one of those fuzzy lines I have seen truly artistic people cross. Even if you *have* created your own original forms of digital art, collage, and illustration without AI in the past, to label an AI-generated image *as your own digital illustration* is misleading and wrong. Let's be clear: if you use AI to create a piece of art you are not the “Digital Artist”, at least not with regard to that particular AI-generated image. You are the equivalent of the person who commissions digital art from a digital artist. The “digital artist” in this case, is the program.
- **Give credit to the artists' names you use in your text prompts and modifiers** when generating the art. You're obviously not going to know what other sources the generator pulled from but if you're requesting it style as per an artist by name, acknowledge this. Tag them, or **better yet, ask for their permission and offer a commission**, especially if you receive any income or profits as a result of the image.
- **Check out the Ethics page at [AiArtists.org](https://aiartists.org)**. It has a lot of resources on the (huge) subject of needing to make sure that “AI remains aligned with human values” as they put it. I specifically want to draw your attention to the graphic titled *Potential Harms From Automated Decision Making*. The current concerns of artists can be seen represented there. If people had more awareness of this “domino setup” we might be able to come up with better, harm-avoiding solutions. The resources listed are not light reading but if you're serious about reducing harm when using new technology, they're worth checking out.