

AI in Photography

Artificial intelligence (AI) can be used in photography in many ways, including:

Editing

AI can enhance images by adjusting exposure, color, and noise. It can also automatically straighten, crop, and cull photos. Some software that uses AI for editing includes:

Adobe Photoshop: Uses AI algorithms to enhance photos

Lightroom: Uses AI algorithms to enhance photos

DxO PhotoLab: Has AI-powered features like DxO Smart Lighting, which adjusts exposure and contrast

Topaz Denoise: DeNoise AI is an intelligent noise reduction software that uses deep learning technology to accurately distinguish between real image detail and noise. According to Topaz Labs, this allows you to reduce noise while recovering crucial image detail.

Storytelling

AI can help photographers analyze photos to identify repetitive elements, such as colors, objects, or faces. This can help photographers group and categorize their photos to tell a story.

Image creation

AI can generate realistic images of people, landscapes, and objects. Some popular AI image creation software includes:

DeepArt.io

Midjourney

[Midjourney](#) is considered one of the most powerful generative AI tools out there, so my expectations for its image generator were high. It focuses on creating artistic and stylized images and is popular for its high quality.

[Pricing](#): \$10-120 per month [May 2024 pricing], depending on the plan.

NeuralStyler

Prisma

Knowledge assistant

AI knowledge assistant that can help photographers stay organized.

Some say that AI can be a valuable tool for photographers, but that it shouldn't replace the human element of photography. Others say that AI images can lack authenticity and have quality concerns.

Glaze

<https://glaze.cs.uchicago.edu/what-is-glaze.html>

“Generative AI models have changed the way we create and consume content, particularly images and art. Diffusion models such as MidJourney and Stable Diffusion have been trained on large datasets of scraped images from online, many of which are copyrighted, private, or sensitive in subject matter. Many artists have discovered significant numbers of their art pieces in training data such as LAION-5B, without their knowledge, consent, credit or compensation.”

Content Authenticity Initiative

<https://contentauthenticity.org/how-it-works>

We're creating a secure end-to-end system for digital content provenance with open-source tools and a cross-industry community of adopters. Our work is fully compliant with the technical specifications released in 2022 by the Coalition for Content Provenance and Authenticity (C2PA) or C2PA Content Credentials.

Verify Tool

Inspect content to dig deeper. Drag content into Verify [on the page at <https://contentcredentials.org/verify>] to inspect its Content Credentials in detail and see how it has changed over time.