

How Midjourney Works

Midjourney is able to have these powerful generative features due to a technique called deep learning.

Deep learning is a process of training computers to recognize and predict patterns. With Midjourney, the patterns being learned are the labeled concepts within an image. To learn these patterns, a large collection of categorized photos, paintings, and graphics are studied by the computer.

Key to this learning process are advanced algorithms that allow Midjourney to understand relationships between various parts of an image. This understanding of the fundamental attributes of visuals allows the AI to craft new [images](#) from the concepts of the images it has processed.

And this isn't just a one-time process, it is a rigorous, ongoing training process. This means the system repeatedly assesses vast amounts of [text](#) and image data, refining its understanding and improving its output with each iteration.

Then, when given a textual prompt, Midjourney sifts through the patterns it recognized during the training and attempts to generate a piece of art that best matches the provided description.

Instructions

What are some possible benefits of training on existing images and concepts? How can it help the artists that created those original works?

Midjourney Training Process

