

GAN

Meaning: GAN (Generative Adversarial Network): A class of machine learning frameworks that consists of two neural networks, a generator and a discriminator, that compete against each other to produce realistic data, such as images.

1. Generative Adversarial Networks, or GANs, are a revolutionary concept in machine learning that allows for impressive image synthesis.
2. Researchers are increasingly using GANs to create realistic virtual environments in video games.
3. The application of GANs in art has led to the emergence of unique, computer-generated masterpieces.
4. Training a GAN often requires a significant amount of computational power due to its complex architecture.
5. Despite their potential, GANs can be challenging to optimize, often leading to issues like mode collapse.

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