

# Deepfake Creation

## Deepfake description

Deepfakes describes content created by various AI systems designed to mimic legitimate content.

## Speech generating algorithm

Many speech-generating algorithms fall under a Text-to-Speech (TTS) system.

## Text-to-Speech algorithm is complex

Developing a Text-to-Speech (TTS) system is complex. However, various open-source tools and datasets are designed to help with this process.

## Video-based content models

Many video-based content models are created using Generative Adversarial Network (GAN).

## Malicious actors and deepfakes

Malicious actors leverage deepfake images to mimic real people, create fake documents, and generate content to support their fraudulent pursuits further.

