

# Deepfakes

1. What is a deepfake? Can you give any examples?
2. How are they made and how are they detected? Is there any evidence that creators of deepfakes can counter detection?
3. Are deepfakes always malicious? Consider Wombo lip-synch.
4. What should you look for in facial transformations to identify a deepfake?

Read:

<https://www.media.mit.edu/projects/detect-fakes/overview/>

(Read the entire page before clicking on the DetectFakes link.)

Read as much of the following as necessary:

<https://machinelearningmastery.com/what-are-generative-adversarial-networks-gans/>

You can also check the Kaggle DFDC:

<https://www.kaggle.com/c/deepfake-detection-challenge/overview>