

# Deepfake Detection Using Recurrent Neural Networks

## Abstract

Machine learning based free software tool has made it easy to create deepfakes that leave few traces of manipulation. These realistic fake videos are used to create political distress, fake terrorism, etc. The proposed system uses a convolutional neural network to extract features. These features are then used to train a RNN that learns to classify whether a video has been manipulated or not.

In our project we use CNN & RNN to detect deepfake videos.