Deep Fake Image and Video Classification using VGG-19 Model

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Abstract: *Fake images, also known as "deepfakes," are a growing concern in today's digital age. These images are often created with the intent of benefiting one party and can be difficult to distinguish from real images. They are often disseminated through digital media and newspapers, and can spread misinformation or propaganda, which can have serious consequences if not detected and addressed. To effectively detect image falsification in many image data, an architectural model that can process several pixels in the image is required, as well as a method that is effective and adjustable with traning data for practical use in daily life. In this paper to detecting fake images usingVGG19 is a convolutional neural network (CNN) architecture that has been successful in a variety of image classification tasks. The proposed VGG19 is better model compared existing models it provides 96% accuracy..*

Keywords: fake images, CNN, VGG19, deep learning