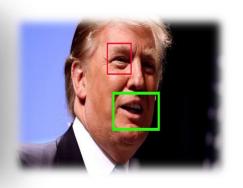


# Deepfake video detection





Saving the face

Load Trained

Confusion Matrix

Export Trained

REAL / FAKE

**Deepfake creation** 

Why Deepfake Detection?

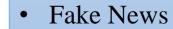
**Objective**: Our project aims at detecting the realistic human synthesized videos popularly known as deepfakes.

videos and labels

ResNext

Train / Test the

Deepfake detection Model



- Malicious hoaxes
- Financial fraud
- Revenge porn
- Politician videos

ResNext-50-32x4d

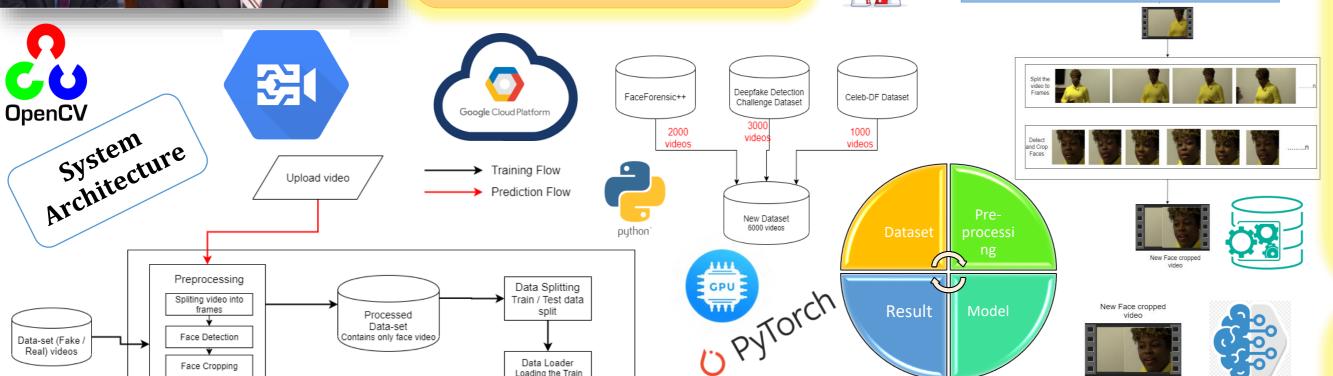
LSTM

REAL / FAKE

## Creation tools.

- Faceswap
- Faceit





# **Application:**

Our web based application will help identify whether the video is Real or Fake

### **Conclusion:**

We presented a LSTM based approach to real, by of video with good accuracy.

detect the video as deep fake or processing 1 sec

LSTM

Video classification