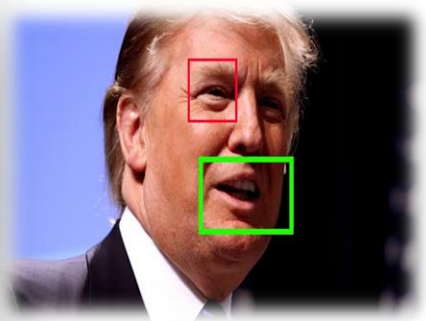


Deepfake video detection



Deepfake creation

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

Why Deepfake Detection ?



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

Creation tools.

- Faceswap
- Faceit



Application :

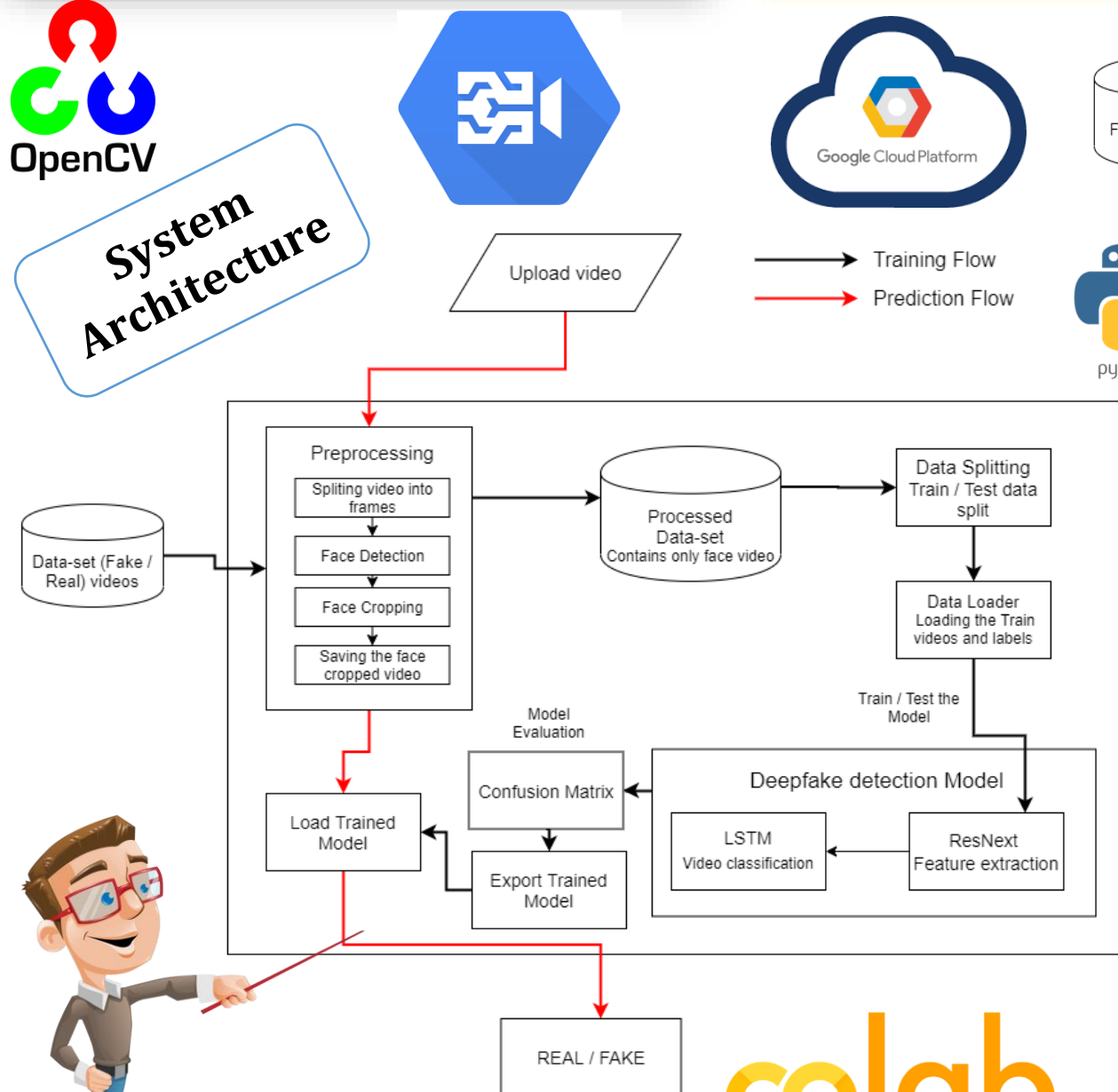
Our web based application will help identify whether the video is Real or Fake

Conclusion :

We presented a LSTM based approach to detect the video as deep fake or real, by processing 1 sec of video with good accuracy.

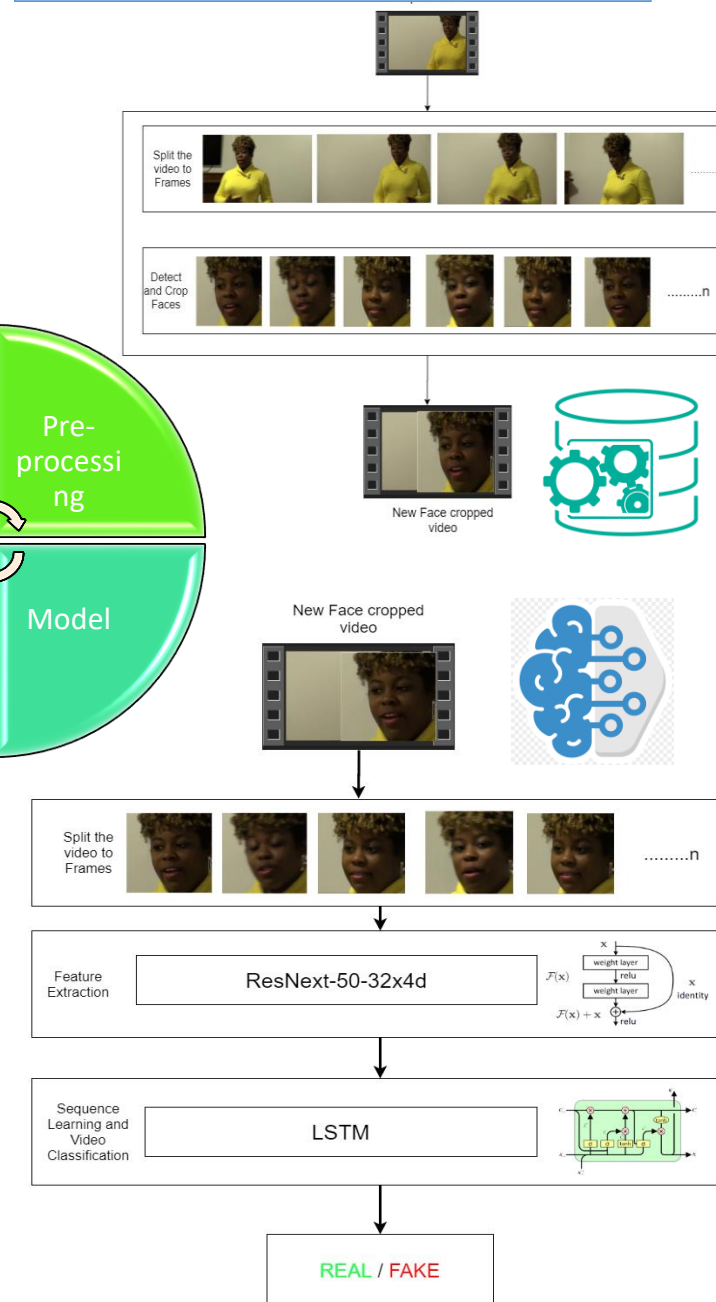
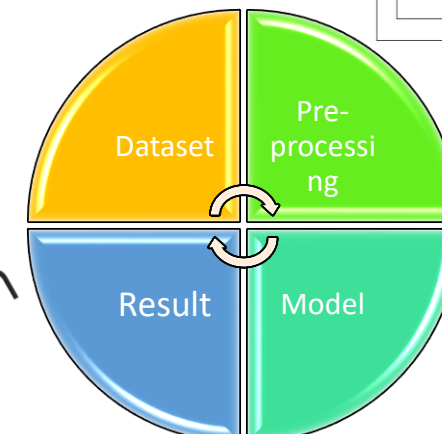
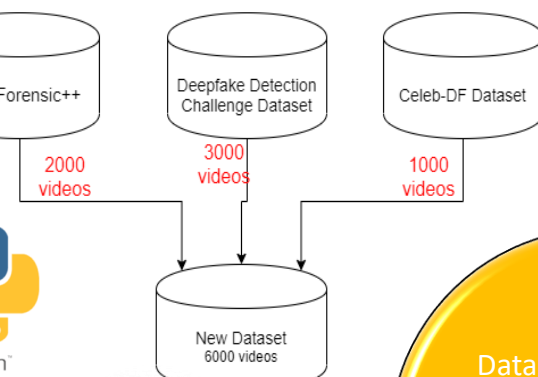


System Architecture



colab

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