VIDEO ANALYSIS

OPEN CV FOR VIDEO PROCESSING

TEAM ID: PNT2022TMID20837

```
| | gip install twilin
     tooking in indexes: https://gwgl.org/simple. https://ws-python.pkg.dev/colab-wheels/gwblic/simple/
    Collecting twiling
      Downloading txilio-7.15.2-py2.py3-none-any.whl (1.4 MB)
          1.4 76 5.2 10/3
     Requirement already satisfied: gytt in /usr/local/lib/python5.7/dist-packages (from twilio) (1802.6)
     Collecting PyNNT<3.0.0,>=2.0.0
      Downloading Py3kT-2.6.8-py3-none-any.uhl (28 kB)
     Requirement already satisfied: requests>-1.0.0 in /usr/local/lib/python3.7/dist-packages (from txillip) (2.23.0)
     Requirement already satisfied: Idna(3,1=2.5 in /usr/local/lib/python3.7/dist-packages (from requests>=2.0.0->tidlio) (2.50)
     Requirement already satisfied: chardet(4,>=3.8.2 in /usr/local/lib/gython3.7/dist-packages (from requests>=2.0.0>twilis) (3.0.4)
     Requirement already satisfied: urllib3|-1.25.8,1-1.25.1,<1.26,>-1.21.1 in /usr/local/lib/python3.7/dist-packages (from requests>-2.0.0->twilia) (1.24.3)
     Requirement already satisfied: certifi)=3817.4.17 in /usr/local/lib/gython3.7/dist-packages (from requests)=2.0.8->tuilio) (2022.0.14)
     Installing collected packages: PyTWT, txilio
     Successfully installed PyTwf-2.6.0 txilio-7.15.2
| | pip install playsound
     tooking in indexes: https://prol.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
    Collecting playsound
      Downloading playsound-1.3.0.tar.gr (7.7 kg)
     Building wheels for collected packages: playsound
      Building wheel for playsound (setup.py) ... done
      Created wheel for playsound: fllename-playsound-1.3.0-py3-nome-any.whl size=7835 sha256=11740f3785342888C9F32504a515a849acd76795c04ec87a88c895684f8aaia8
      Stored in directory: /root/.cache/pip/wheels/ba/f8/bb/ea57c8346b65Adca3aRada4399b8ecb5f9dfcb7b7e23b65ba2
     Successfully built playsound
     Installing collected packages: playsound
     Successfully installed playsound-1.3.0
   [ ] #import opency librariy
       Import cv2
       #isport ruspy
       Import numpy as no
       #import image function from keras
       from keras.preprocessing import image
       #import load model from kerss
       from keras.models import load model
       Fisport client from twilio API
       from twillio, rest import Client
       #Inort playsound package
       from playsound import playsound
       WARNING-playsound-playsound is relying on another python subprocess. Please use 'pip install pygobject' if you want playsound to run more efficiently.
   | | #load the saved model
       model = load_model(r'/content/forest1.h5')
       #define video
       video * cv2.VideoCapture('/content/No fire video testing.mp4')
       #define the features
       name - ['forest', 'with forest']
```

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OUTCOMES

