README
DATA MINING PROJECT
Accuracy trade-offs for real time Object Detectors

Requirements :
      1. python >=3
      2. opencv
      3. Numpy
      4. Python Imaging Library (PIL)
      5. Base64 Module

For Frontend Part :
      1.Javascript
      2.HTML
      3.CSS

Dataset Used
● COCO dataset has been used. You can download that from [Dataset](#)

In Order to use this project : Open the base codes provided as code_files.ipynb with Google colab and run the cells .
We have trained this model on the dataset provided .
You just have to test it by running the colab file .

This project is **real** time object detection in static image as well as running video .
You must have installed a webcam/front camera in order to record the live videos or to take live photos which will be input to the model for prediction .

Results :

Move on to our   Youtube link1 Youtube link2 which has been recorded for live use detection.

Some screenshot of results.avi is attached: