**Face recognition**

import cv2 # For Image processing  
face\_cascade = cv2.CascadeClassifier('haarcascade\_frontalface\_default.xml')  
img = cv2.imread('messi.jpg')  
gray= cv2.cvtColor(img, cv2.COLOR\_BGR2BGRA)  
faces= face\_cascade.detectMultiScale(gray, 1.1, 4 )  
for (x, y, w, h) in faces:  
 cv2.rectangle(img, (x, y), (x + w, y + h), (0, 255, 0), 2)  
  
  
cv2.imshow('img', img)  
cv2.waitKey()

