import cv2

cascade\_src = 'Stopsign\_HAAR\_19Stages.xml'

video\_src = 'video1.avi'

cap = cv2.VideoCapture(video\_src)

stopsigns\_cascade = cv2.CascadeClassifier(cascade\_src)

while True:

ret, img = cap.read()

if (type(img) == type(None)):

break

gray = cv2.cvtColor(img, cv2.COLOR\_BGR2GRAY)

stopsigns = stopsigns\_cascade.detectMultiScale(gray, 1.1, 1)

for (x,y,w,h) in stopsigns:

cv2.rectangle(img,(x,y),(x+w,y+h),(0,0,255),2)

cv2.imshow('video', img)

if cv2.waitKey(33) == 27:

break

cv2.destroyAllWindows()