import cv2 k.manohar

import datetime

pedestrian\_classifier=cv2.CascadeClassifier("haarcascade\_fullbody.xml")

video=cv2.VideoCapture("vtest.avi")

while True:

check,frame=video.read()

frame=cv2.resize(frame,(600,400))

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

pedestrians=pedestrian\_classifier.detectMultiScale(gray,1.3,5)

print(pedestrians)

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

cv2.rectangle(frame, (x,y), (x+w,y+h), (127,0,255), 2)

cv2.imshow('pedestrian detection', frame)

picname=datetime.datetime.now().strftime("%y-%m-%d-%H-%M")

cv2.imwrite(picname+".jpg",frame)

Key=cv2.waitKey(1)

if Key==ord('q'):

video.release()

cv2.destroyAllWindows()

break

