Program for eye detection

import cv2  
  
eye\_cascade = cv2.CascadeClassifier(cv2.data.haarcascades + 'haarcascade\_eye.xml')  
  
image\_path = "C:/Users/Vignesh G/Downloads/pexels-streetwindy-3628700.jpg"  
image = cv2.imread(image\_path)  
  
gray\_image = cv2.cvtColor(image, cv2.COLOR\_BGR2GRAY)  
  
eyes = eye\_cascade.detectMultiScale(gray\_image, scaleFactor=1.1, minNeighbors=5, minSize=(20, 20))  
  
for (ex, ey, ew, eh) in eyes:  
 cv2.rectangle(image, (ex, ey), (ex + ew, ey + eh), (0, 0, 255), 2)  
  
cv2.namedWindow("Eye Detection", cv2.WINDOW\_NORMAL)  
cv2.imshow("Eye Detection", image)  
cv2.resizeWindow("Eye Detection", 800, 650)  
  
cv2.waitKey(0)  
cv2.destroyAllWindows()

output

