```
In [1]: !pip3 install opencv-python

        Requirement already satisfied: opencv-python in c:\users\saif shaik\anaconda3\lib\si
        te-packages (4.12.0.88)
        Requirement already satisfied: numpy<2.3.0,>=2 in c:\users\saif shaik\anaconda3\lib
        \site-packages (from opencv-python) (2.2.6)

In [2]: import sys
        print(sys.path)

        ['C:\\Users\\SAIF SHAIK', 'C:\\Users\\SAIF SHAIK\\anaconda3\\python312.zip', 'C:\\Us
        ers\\SAIF SHAIK\\anaconda3\\DLLs', 'C:\\Users\\SAIF SHAIK\\anaconda3\\Lib', 'C:\\Use
        rs\\SAIF SHAIK\\anaconda3', '', 'C:\\Users\\SAIF SHAIK\\anaconda3\\Lib\\site-package
        s', 'C:\\Users\\SAIF SHAIK\\anaconda3\\Lib\\site-packages\\win32', 'C:\\Users\\SAIF
        SHAIK\\anaconda3\\Lib\\site-packages\\win32\\lib', 'C:\\Users\\SAIF SHAIK\\anaconda3
        \\Lib\\site-packages\\Pythonwin', 'C:\\Users\\SAIF SHAIK\\anaconda3\\Lib\\site-packa
        ges\\setuptools\\_vendor']

In [ ]: import cv2
        import numpy as np


        face_classifier = cv2.CascadeClassifier(r"C:\Users\SAIF SHAIK\Downloads\haarcascade


        image = cv2.imread(r'C:\Users\SAIF SHAIK\OneDrive\Pictures\Salman_Khan.jpg')
        gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)

        faces = face_classifier.detectMultiScale(gray, 1.3, 5)

        for (x,y,w,h) in faces:
            cv2.rectangle(image, (x,y), (x+w,y+h), (127,0,255), 2)
            cv2.imshow('Face Detection', image)
            cv2.waitKey(0)


        cv2.destroyAllWindows()

In [ ]:
```