

FACE DETECTION MODEL

May 23, 2023

```
[1]: import cv2

[2]: import matplotlib.pyplot as plt

[3]: face_cascade = cv2.CascadeClassifier('haarcascade_frontalface_default.xml')

[4]: image = cv2.imread('d4153760-5f91-4d2d-b751-b77902eff4b0.jpg')

[5]: face = face_cascade.detectMultiScale(image,1.1,4)

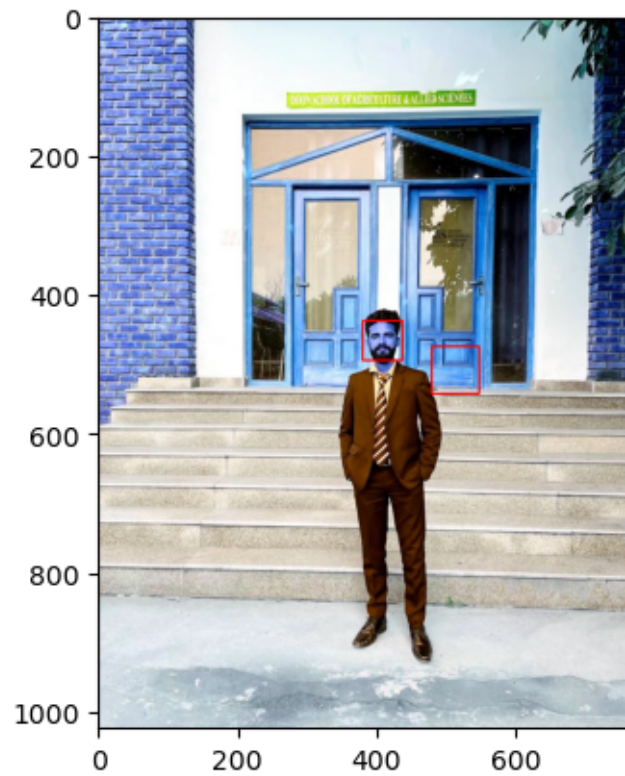
[6]: for(x,y,w,h) in face:
      cv2.rectangle(image,(x,y),(x+w,y+h),(255,0,0),2)

[7]: cv2.imwrite("face_tetect.png",image)

[7]: True

[8]: plt.imshow(image)

[8]: <matplotlib.image.AxesImage at 0x25700b18c70>
```



[9]: +

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File "C:\Users\HP\AppData\Local\Temp\ipykernel_25016\15193383.py", line 1
+
~
SyntaxError: invalid syntax
```