

```
results = model(imgs)
 results.print()
results.save(".")
WARNING: NMS time limit 0.330s exceeded
Saved 1 image to runs\detect\exp8
image 1/1: 708x716 1 person, 1 tie
Speed: 3878.2ms pre-process, 7077.4ms inference, 490.0ms NMS per image at shape (1, 3, 640, 640)
Image(filename='smitshetye.jpg')
FileNotFoundError
                                        Traceback (most recent call last)
Input In [12], in <cell line: 1>()
---> 1 Image(filename='smitshetye.jpg')
File D:\Program Files\Python38\lib\site-packages\IPython\core\display.py:957, in Image.__init__(sel
f, data, url, filename, format, embed, width, height, retina, unconfined, metadata, alt)
    955 self.unconfined = unconfined
    956 celf alt = alt
--> 957 super(Image, self).__init__(data=data, url=url, filename=filename,
    958
               metadata=metadata)
    960 if self.width is None and self.metadata.get('width', {}):
   961    self.width = metadata['width']
File D:\Program Files\Python38\lib\site-packages\IPython\core\display.py:327, in DisplayObject. in
it__(self, data, url, filename, metadata)
    324 elif self.metadata is None:
    325 self.metadata = {}
--> 327 self.reload()
    328 self._check_data()
File D:\Program Files\Python38\lib\site-packages\IPython\core\display.py:992, in Image.reload(self)
    990 """Reload the raw data from file or URL."""
    991 if self.embed:
--> 992
           super(Image, self).reload()
   993
           if self.retina:
               self._retina_shape()
File D:\Program Files\Python38\lib\site-packages\IPython\core\display.py:353, in DisplayObject.relo
ad(self)
    351 if self.filename is not None:
           encoding = None if "b" in self. read flags else "utf-8"
    352
           with open(self.filename, self._read_flags, encoding=encoding) as f:
--> 353
               self.data = f.read()
    355 elif self.url is not None:
    356 # Deferred import
FileNotFoundError: [Errno 2] No such file or directory: 'smitshetye.jpg'
Run object detection on realtime video via webcam
print("Press q to exit the object detection window!")
cap = cv2.VideoCapture(0)
 while False:
    ret, image_np = cap.read()
     results = model(image_np)
    df_result = results.pandas().xyxy[0]
    dict_result = df_result.to_dict()
     scores = list(dict_result["confidence"].values())
    labels = list(dict_result["name"].values())
    list_boxes = list()
     for dict_item in df_result.to_dict('records'):
        list_boxes.append(list(dict_item.values())[:4])
     count = 0
     for xmin, ymin, xmax, ymax in list_boxes:
        image_np = cv2.rectangle(image_np, pt1=(int(xmin),int(ymin)), pt2=(int(xmax),int(ymax)), \
                                 color=(255,0, 0), thickness=2)
        cv2.putText(image_np, f"{labels[count]}: {round(scores[count], 2)}", (int(xmin), int(ymin)-
                    cv2.FONT_HERSHEY_SIMPLEX, 0.9, (36,255,12), 2)
        count = count + 1
     cv2.imshow('Object Detector', image_np);
     if cv2.waitKey(1) & 0xFF == ord('q'):
        can.release()
```

15/07/2022. 14:16 Realtime-Object-Detection-in-Python-Jupyter-Note-Book-Open-CV-Kandi-Kits-By-Smit-Shetye/Realtime\_Object\_Detection\_i\_ cv2.destroyAllWindows() print("The window has been exited!") hreak Press q to exit the object detection window! The window has been exited!