from google.colab import files

uploaded = files.upload()

!sudo apt install tesseract-ocr

!pip install pytesseract

!pip install pyttsx3

import pytesseract

import shutil

import os

import random

try:

 from PIL import Image

except ImportError:

 import Image

import numpy as np

import pandas as pd

import cv2

from google.colab.patches import cv2\_imshow

from skimage import io

from PIL import Image

import matplotlib.pylab as plt

image\_path\_in\_colab = 'iotcv.jpg'

img = cv2.imread('iotcv.jpg')

extractedInformation = pytesseract.image\_to\_string(Image.open(image\_path\_in\_colab))

print(extractedInformation)

img = cv2.cvtColor(img,cv2.COLOR\_BGR2RGB)

print(pytesseract.image\_to\_boxes(Image.open(image\_path\_in\_colab)))

hImg,wImg,\_ = img.shape

boxes = pytesseract.image\_to\_boxes(img)

for b in boxes.splitlines():

  print(b)

  b=b.split(' ')

  print(b)

  x,y,w,h = int(b[1]),int(b[2]),int(b[3]),int(b[4])

  cv2.rectangle(img,(x,hImg-y),(w,hImg-h),(0,0,255),1)

  cv2.putText(img,b[0],(x,hImg-y+25),cv2.FONT\_HERSHEY\_COMPLEX,1,(255,255,255))

from google.colab.patches import cv2\_imshow

!curl -o logo.png https://colab.research.google.com/img/colab\_favicon\_256px.png

import cv2

cv2\_imshow(img)

cv2.waitKey(0)