```
pip install easyocr
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/
Collecting easyocr
  Downloading easyocr-1.5.0-py3-none-any.whl (70.8 MB)
     |████████████████████████████████| 70.8 MB 27 kB/s
Requirement already satisfied: torch in /usr/local/lib/python3.7/dist-packages (from
Requirement already satisfied: numpy in /usr/local/lib/python3.7/dist-packages (from
Collecting opencv-python-headless<=4.5.4.60
  Downloading opencv_python_headless-4.5.4.60-cp37-cp37m-manylinux_2_17_x86_64.manyli
     |████████████████████████████████| 47.6 MB 112 kB/s
Requirement already satisfied: Pillow in /usr/local/lib/python3.7/dist-packages (from
Requirement already satisfied: scikit-image in /usr/local/lib/python3.7/dist-packages
Collecting python-bidi
  Downloading python_bidi-0.4.2-py2.py3-none-any.whl (30 kB)
Requirement already satisfied: torchvision>=0.5 in /usr/local/lib/python3.7/dist-pack
Requirement already satisfied: scipy in /usr/local/lib/python3.7/dist-packages (from
Requirement already satisfied: PyYAML in /usr/local/lib/python3.7/dist-packages (from
Requirement already satisfied: requests in /usr/local/lib/python3.7/dist-packages (fr
Requirement already satisfied: typing-extensions in /usr/local/lib/python3.7/dist-pac
Requirement already satisfied: six in /usr/local/lib/python3.7/dist-packages (from py
Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.7/dist-pa
Requirement already satisfied: urllib3!=1.25.0,!=1.25.1,<1.26,>=1.21.1 in /usr/local/
Requirement already satisfied: idna<3,>=2.5 in /usr/local/lib/python3.7/dist-packages
Requirement already satisfied: chardet<4,>=3.0.2 in /usr/local/lib/python3.7/dist-pac
Requirement already satisfied: imageio>=2.3.0 in /usr/local/lib/python3.7/dist-packag
Requirement already satisfied: PyWavelets>=1.1.1 in /usr/local/lib/python3.7/dist-pac
Requirement already satisfied: matplotlib!=3.0.0,>=2.0.0 in /usr/local/lib/python3.7/
Requirement already satisfied: tifffile>=2019.7.26 in /usr/local/lib/python3.7/dist-p
Requirement already satisfied: networkx>=2.0 in /usr/local/lib/python3.7/dist-package
Requirement already satisfied: python-dateutil>=2.1 in /usr/local/lib/python3.7/dist-
Requirement already satisfied: pyparsing!=2.0.4,!=2.1.2,!=2.1.6,>=2.0.1 in /usr/local
Requirement already satisfied: kiwisolver>=1.0.1 in /usr/local/lib/python3.7/dist-pac
Requirement already satisfied: cycler>=0.10 in /usr/local/lib/python3.7/dist-packages
Installing collected packages: python-bidi, opencv-python-headless, easyocr
  Attempting uninstall: opencv-python-headless
    Found existing installation: opencv-python-headless 4.6.0.66
    Uninstalling opencv-python-headless-4.6.0.66:
      Successfully uninstalled opencv-python-headless-4.6.0.66
Successfully installed easyocr-1.5.0 opencv-python-headless-4.5.4.60 python-bidi-0.4
```

```
pip install cv
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/
Collecting cv
  Downloading cv-1.0.0-py3-none-any.whl (7.3 kB)
Installing collected packages: cv
Successfully installed cv-1.0.0
```

```
pip install matplot.b
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/
ERROR: Could not find a version that satisfies the requirement matplot.b (from versic
```
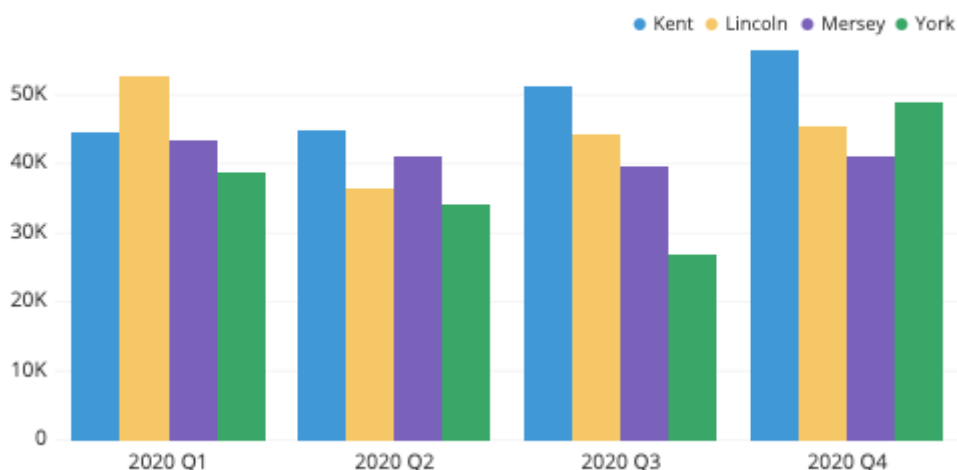
ERROR: No matching distribution found for matplot.b

```
import easyocr
```

```
read=easyocr.Reader(['ch_tra',"en"])
```

```
WARNING:easyocr.easyocr:CUDA not available - defaulting to CPU. Note: This module is
WARNING:easyocr.easyocr:Downloading detection model, please wait. This may take sever
Progress: |████████████████████████████████████████████████| 100.0% CompleteWARNIN(
Progress: |████████████████████████████████████████████████| 100.0% Complete/usr/l(
  "Accessing the model URLs via the internal dictionary of the module is deprecated :
/usr/local/lib/python3.7/dist-packages/torchvision/models/_utils.py:209: UserWarning
  f"The parameter '{pretrained_param}' is deprecated since 0.13 and will be removed i
/usr/local/lib/python3.7/dist-packages/torchvision/models/_utils.py:223: UserWarning
  warnings.warn(msg)
```

```
from IPython.core.display import Image
Image('/content/kohli.png')
```

New Revenue


```
output=read.readtext('/content/kohli.png')
```

```
output
```

```
[([[13, 13], [97, 13], [97, 27], [13, 27]],
  'Hew Rewvenue',
  0.32568757513863844),
 ([[332, 50], [354, 50], [354, 58], [332, 58]], 'Lipr1', 0.05143120520251159),
 ([[368, 50], [400, 50], [400, 58], [368, 58]], 'Li-n', 0.31684646010398865),
 ([[416, 50], [448, 50], [448, 58], [416, 58]], '11{58', 0.11619373209545021),
 ([[11, 83], [33, 83], [33, 97], [11, 97]], '50k', 0.3104855052868794),
 ([[11, 117], [33, 117], [33, 131], [11, 131]], 'AOk', 0.23259373336717726),
 ([[11, 153], [33, 153], [33, 165], [11, 165]], '30K', 0.2518393335544707),
 ([[11, 187], [33, 187], [33, 199], [11, 199]], 'Z0k', 0.23904510223470932),
 ([[11, 221], [33, 221], [33, 235], [11, 235]], 'i0k', 0.7209234300672605),
 ([[69, 267], [113, 267], [113, 281], [69, 281]],
```

```
          '2020 01',
          0.5313280633188441),
        ([[181, 267], [227, 267], [227, 281], [181, 281]],
          '2021 02',
          0.5715397547480425),
        ([[295, 267], [339, 267], [339, 281], [295, 281]],
          '2021 0',
          0.3424433288978739),
        ([[407, 267], [453, 267], [453, 281], [407, 281]],
          '2020 04',
          0.6393610366447204)]
```

```
result=read.readtext('/content/kohli.png')
```

```
result
```

```
    [([[13, 13], [97, 13], [97, 27], [13, 27]],
      'Hew Rewvenue',
      0.32568757513863844),
      ([[332, 50], [354, 50], [354, 58], [332, 58]], 'Lipr1', 0.05143120520251159),
      ([[368, 50], [400, 50], [400, 58], [368, 58]], 'Li-n', 0.31684646010398865),
      ([[416, 50], [448, 50], [448, 58], [416, 58]], '11{58', 0.11619373209545021),
      ([[11, 83], [33, 83], [33, 97], [11, 97]], '50k', 0.3104855052868794),
      ([[11, 117], [33, 117], [33, 131], [11, 131]], 'AOk', 0.23259373336717726),
      ([[11, 153], [33, 153], [33, 165], [11, 165]], '30K', 0.2518393335544707),
      ([[11, 187], [33, 187], [33, 199], [11, 199]], 'Z0k', 0.23904510223470932),
      ([[11, 221], [33, 221], [33, 235], [11, 235]], 'i0k', 0.7209234300672605),
      ([[69, 267], [113, 267], [113, 281], [69, 281]],
        '2020 01',
        0.5313280633188441),
      ([[181, 267], [227, 267], [227, 281], [181, 281]],
        '2021 02',
        0.5715397547480425),
      ([[295, 267], [339, 267], [339, 281], [295, 281]],
        '2021 0',
        0.3424433288978739),
      ([[407, 267], [453, 267], [453, 281], [407, 281]],
        '2020 04',
        0.6393610366447204)]
```

```
 import cv2
import matplotlib.pyplot as plt
image = cv2.imread('/content/kohli.png')
res = read.readtext('/content/kohli.png')
for (bbox, text, prob) in res:
  # unpack the bounding box
  (tl, tr, br, bl) = bbox
  tl = (int(tl[0]), int(tl[1]))
  tr = (int(tr[0]), int(tr[1]))
  br = (int(br[0]), int(br[1]))
  bl = (int(bl[0]), int(bl[1]))
  cv2.rectangle(image, tl, br, (0, 255, 0), 2)
  cv2.putText(image, text, (tl[0], tl[1] - 10),
    cv2.FONT_HERSHEY_SIMPLEX, 0.8, (255, 0, 0), 2)
plt.rcParams['figure.figsize'] = (16,16)
plt.imshow(image)
```

<matplotlib.image.AxesImage at 0x7f6f4fbc0050>

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