**Datasets:**

Synth80k:<https://www.robots.ox.ac.uk/~vgg/data/scenetext/>

<https://mmocr.readthedocs.io/en/latest/datasets/det.html#synthtext>

IC11:<https://rrc.cvc.uab.es/?ch=1&com=downloads>

<https://mmocr.readthedocs.io/en/latest/datasets/det.html#icdar-2011-born-digital-images>

IC13: <https://github.com/faustomorales/keras-ocr/releases/download/v0.8.4/Challenge2_Training_Task12_Images.zip>

<https://github.com/faustomorales/keras-ocr/releases/download/v0.8.4/Challenge2_Training_Task2_GT.zip>

<https://mmocr.readthedocs.io/en/latest/datasets/det.html#icdar-2013-focused-scene-text>

200 77 18 457 142 443 128 473 169 "T"

The first three numbers are the RGB values of the colour corresponding to character "T" in the ground truth image. The 4th and 5th columns give the coordinates of the center of "T", and the last 4 columns represent the bounding box of "T" (top-left, bottom-right corners)

Explanations:

<https://github.com/faustomorales/keras-ocr/issues/110>

Annotations:

<https://towardsdatascience.com/how-to-prepare-a-custom-dataset-for-character-recognition-and-segmentation-c39f6bf3690>

<https://www.topcoder.com/thrive/articles/python-for-character-recognition-tesseract>

<https://stackoverflow.com/questions/20831612/getting-the-bounding-box-of-the-recognized-words-using-python-tesseract>

<https://christianbernecker.medium.com/convert-bounding-boxes-from-coco-to-pascal-voc-to-yolo-and-back-660dc6178742>

<https://www.indusmic.com/post/bounding-boxes>