Yolov7 — trainable bag of freebees

⊛ Convert data (images) into format expected by Yolov7:

.txt file :   + each line = bounding box   (class , x-center, y-center, width , height)
                                              ↓
                                         0 indexed   normalized (0,1)

↘ Store data in a dictionary :   { bboxes: list of dictionaries }
                                                  ↓
                                          key = class | x-center | y-center | width | height
                                          value : string | int

↘ map class names to unique IDs

⊛ Use Yolov7 e6 to achieve optimal speed and accuracy: (yolo -e6e.pt)
  + have different weights