

Dataset: [Plastic Bottles in the wild Image Dataset](#) (Will choose a smaller subset)

Task: Object detection task to identify and localize plastic bottles in images

Algorithm: PP-PicoDet

Paper: PP-PicoDet: A Better Real-Time Object Detector on Mobile Devices (2021)

<https://arxiv.org/abs/2111.00902>

Code:

<https://github.com/PaddlePaddle/PaddleDetection/tree/release/2.3/configs/picodet>

Other Link:

<https://paperswithcode.com/paper/pp-picodet-a-better-real-time-object-detector>