You only look once, or YOLO, is one of the faster object detection algorithms out there. Even though it is no longer the most accurate object detection algorithm, it is in fact a very good choice when you need real-time detection, without compromise of too much accuracy.

In 2018, the third version of YOLO came out, and this post aims at explaining the changes introduced in YOLO v3. This course is **not** going to explain what YOLO is from the ground up. I assume you know how YOLO v2 works. If that is not the case, I recommend you to check out the following papers by Joseph Redmon et all, to get a fundamental understanding of how YOLO works.

* <https://pjreddie.com/darknet/yolo/>
* <https://pjreddie.com/media/files/papers/YOLOv3.pdf>

