Real Time Object Detection

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Abstract: *"Real-time object detection" is a long-standing problem in computer vision, which is important for many applications to recognize and localize objects in images or video frames in real time. To address this, we introduce a Python-based, real-time detection solution system developed with the YOLO (You Only Look Once) algorithm which is known to be one of the fastest but most effective object detection algorithms. Benefiting from deep learning and machine learning, the system can effectively detect multiple objects per frame in the least amount of time..*

Keywords: Real-Time Object Detection; YOLO; Python; Machine Learning; Artificial Intelligence; Computer Vision