

## Detection Algorithms

## Lecture Notes (Optional)

## Quiz

## Programming Assignments

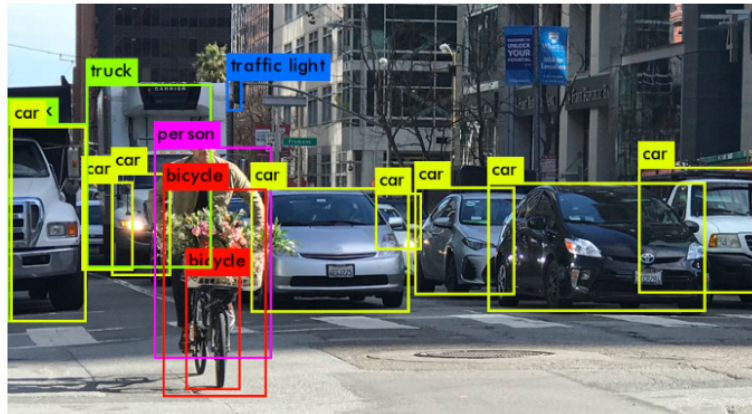
**Programming Assignment:** Car detection with YOLO  
3h **Reading:** Clear Output Before Submitting (For U-Net Assignment)  
10 min **Programming Assignment:** Image Segmentation with U-Net  
3h

## Programming Assignment: Car detection with YOLO

Passed · 100/100 points

**Deadline** Pass this assignment by Feb 19, 11:59 PM +06[Work in Browser](#) [Instructions](#)[My submissions](#)

Welcome to the Week 3 programming assignment of Course 4 in the Deep Learning Specialization! In this assignment, you'll implement object detection on a car dataset using the very powerful YOLO model.



## Instructions:

- Do not use loops (for/while) in your code, unless the instructions explicitly ask you to do so.

- Some code blocks contain graded functions, where you'll be expected to write some code. These are marked at the top of the block by a `#GRADED FUNCTION` comment, and you'll write your code in between the `### START SOLUTION HERE ###` and `###END SOLUTION HERE###` comments. Also, look for another comment that indicates roughly how many lines of code it will take to complete. After coding your function, run the cell right below it. This cell checks whether your results are correct, and cannot be modified.

When you run that cell and see the following:

"All tests passed."

...You're in good shape. :)

Take your time to complete this assignment! After you are done, submit your work and check your results. You need to score 70% to pass. Good luck! :)

Click on "My Submission" above to see your grades. It might take up to one minute for the graders to process your submission. You will see the point breakdown of your assignment, along with the grader feedback.