



Data and statistics

Data Science for Business



Laboratory

Exercise 12.1: Try to run locally on your PC the following application exploiting YOLO object detection to monitoring car traffic.

```
git clone https://github.com/mb-uninsubria/Car-traffic-Ganna  
cd Car-traffic-Ganna  
python app.py
```

Exercise 12.2: Extend the application in order to also count pedestrian in Livigno (or in a different location) for instance using the following camera

<https://www.webcam.valtline.it/livigno-centro.jpg>

Furthermore, create a new private GitHub repository with your personal account and commit your code. Finally, add as repo contributor mb-uninsubria

Exercise 12.3: Enhance the current data processing approach addressing some of the limitations observed.

Optimal - Exercise 12.4: Manually label the misclassified cars and pedestrians and retiring YOLO object detection