# Python skill evaluation

You can use any python libraries to complete these tasks (E.g., Pandas, OpenCV)

Task 1:

* Load **Task1.csv**.
* Print the headers.
* Extract all rows where the “label” is equal to “pedestrian”.
* Save file to “pedestrian.csv”
* Find the median value of “confidence” columns in “pedestrian.csv”
* Drop the row where the confidence value is less than the median.
* Save result to **“final.csv”**

Task 2: The information that is embedded in **“final.csv”** should include the following:

* FrameNo: frame position in the video
* (xmin,ymin): top-left pixel coordinate of the bounding box in the frame
* (xmax,ymax): bottom-right pixel coordinate of the bounding box in the frame

Use **“final.csv”** to display the bounding box around all objects in the given video (**Task2.avi**).

Task 3: Using template matching, list all images in **task3** folder if the image contains the given pattern (template.png).