Suggestions for the YOLO LAB assignment

in order to create a new environment in Anaconda (e.g. tfyolo2) compatible with the pretrained Yolo model – version 2 (yolo.h5).

1) Open Anaconda Navigator 3
2) Open Anaconda Prompt

3) Create new environment:

conda create -n **tfyolo**2 pip python=3.6.13

conda activate **tfyolo2**

4) Installl the required packages:

conda install -c conda-forge tensorflow==1.14

conda install -c anaconda ipykernel

python -m ipykernel install —user —name=**tfyolo2**

pip install jupyter

pip install panda

pip install keras==2.3.1

pip install h5py==2.10.0

pip install scipy==1.1.0

pip install pandas

pip install matplotlib

5) When you run **conda list** you are expected to get a list with the following versions :

ipykernel==5.3.4

jupyter==1.0.0

keras==2.3.1

numpy==1.19.5

pandas==1.1.5

python=3.6.13

tensorflow==1.14.0

6) Keep the new environment **tfyolo2** active in Anaconda Prompt and run (with Anaconda Prompt)

(tfyolo2) ….. >jupyter-notebook

open file lAB_YOLO.ipynb and run the cell to Import relevant libraries.