Lab: Setup of Python packages and environment (DAVE3625)
Intro to A.I

Install Python using a package manager
Use either anaconda or miniconda to install python (3.8) on your system:

1. Anaconda (full Python installation. 3 Gb space and a few minutes to install) OR
2. Miniconda (minimal installation of python. Takes less space)

You should now have access to the conda command. For a quick test execute the conda command without any arguments.

>> conda

Create your environment
This guide came with a conda-env.yml file.
1. Go into that directory
2. Run the following command

>> conda env create -f conda-env.yml

This command will create a virtual environment with the name "dave3625" and also install all necessary dependencies for this course.

If you want to change the name of the environment (from dave3625 to something else) you can edit the name in the conda-env.yml file before executing the command.

Activate the environment
Run the following to activate your environment
>> conda activate dave3625

you can now run code for the course in this environment. If you want to get back to you standard python and packages, run the following:

>> conda deactivate

Test Jupyter notebook
Open a new terminal and activate the dave3625 environment. Change directory to any new directory and run the command
>> jupyter notebook
This should open your browser with a new tab containing the jupyter dashboard with an overview of that directory.
Write some python code in the jupyter notebook.