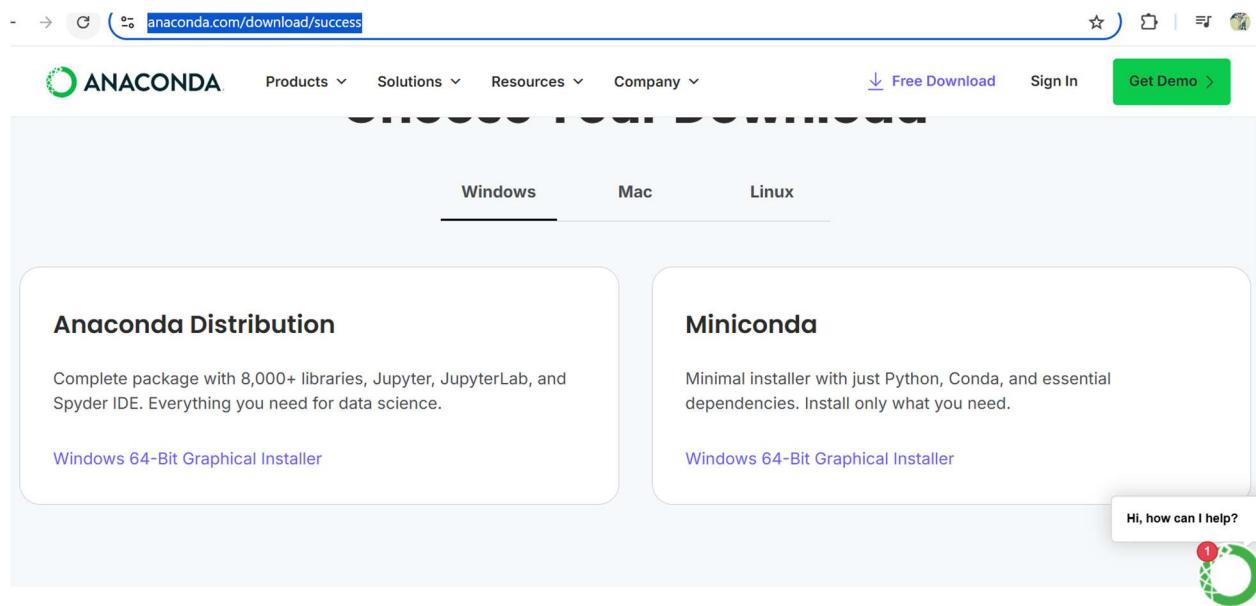


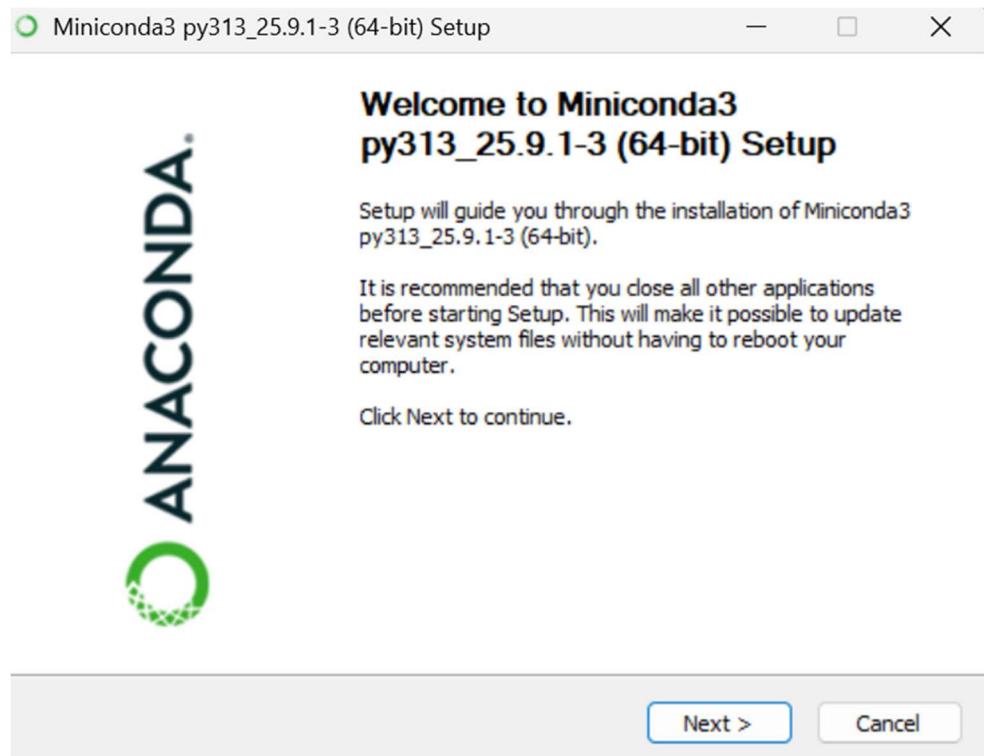
Please visit link below to download anaconda mini version

<https://www.anaconda.com/download/success>

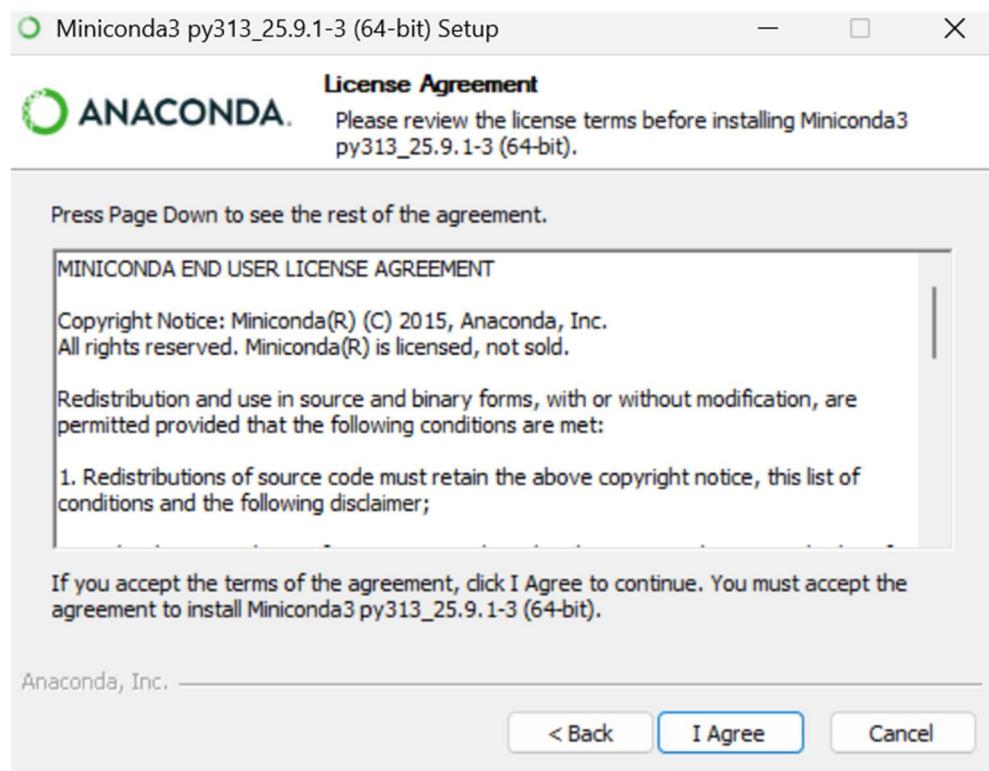
1. Click on Windows 64-Bit Graphical Installer under Miniconda to download



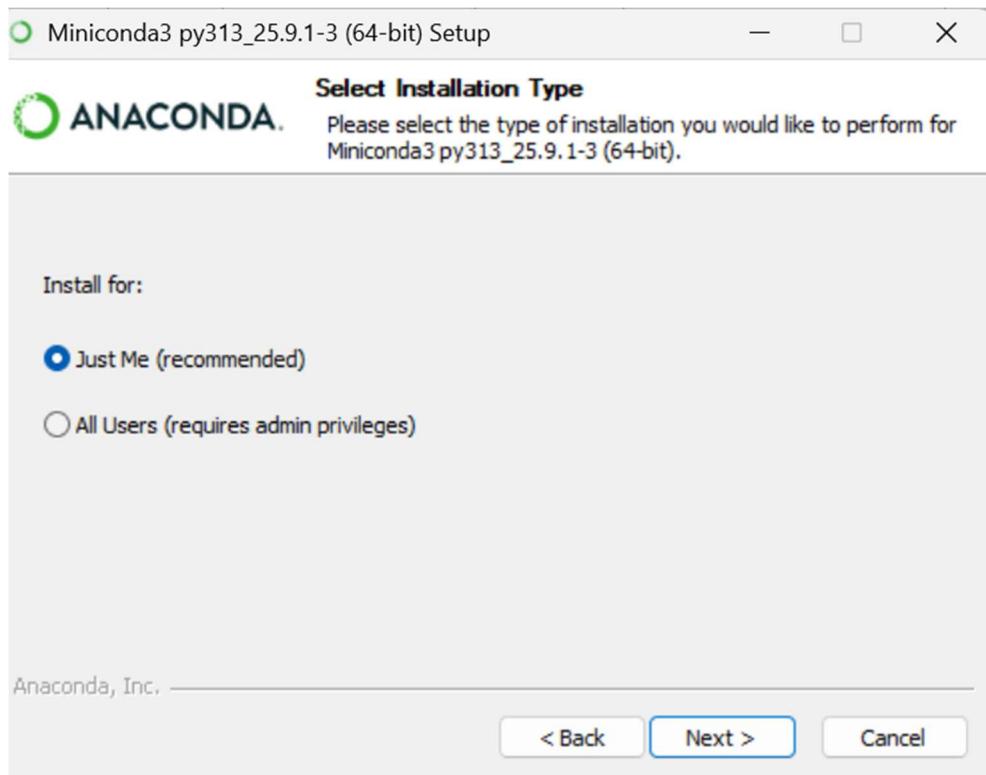
2. Click Next



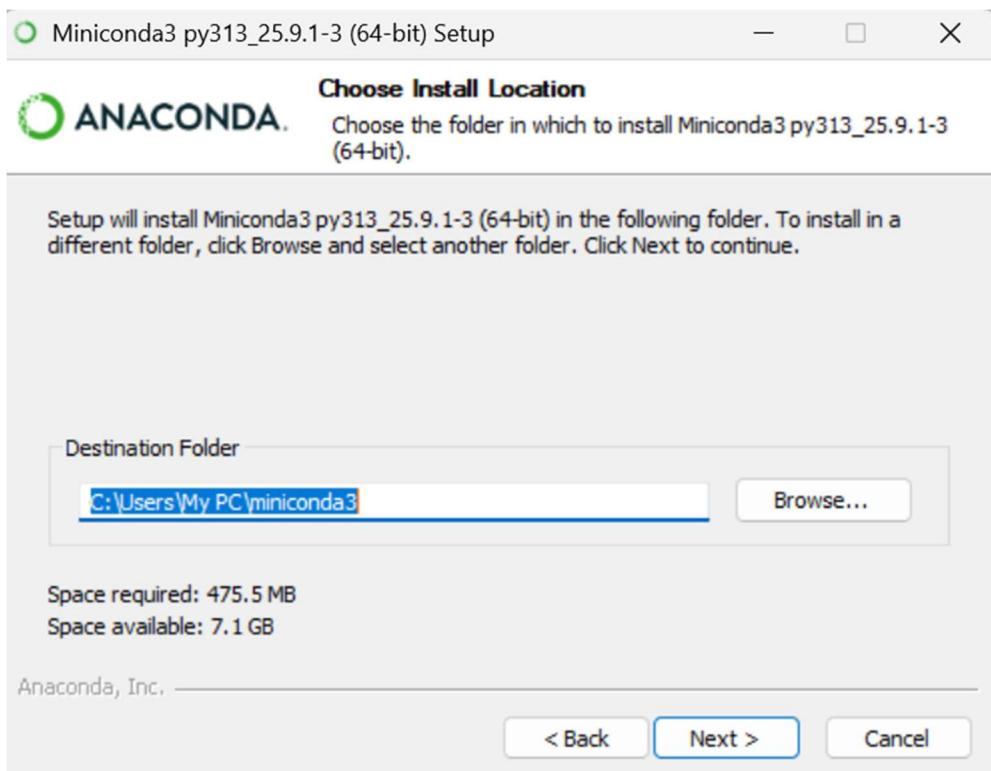
3. Select I Agree



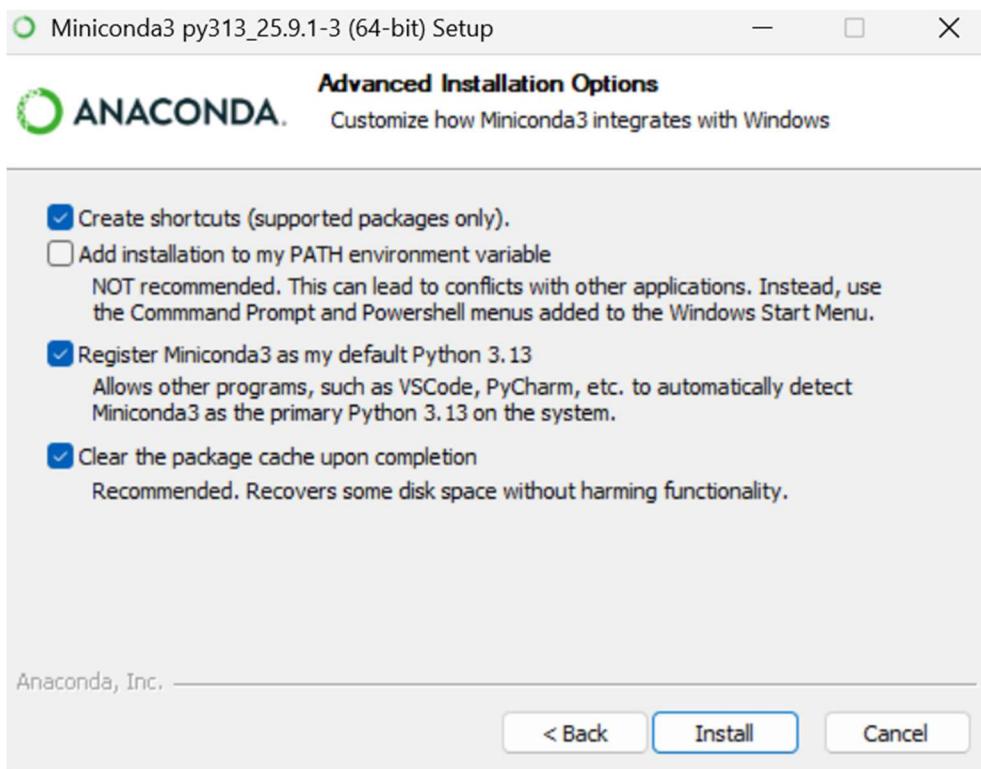
4. Select Just Me and click Next



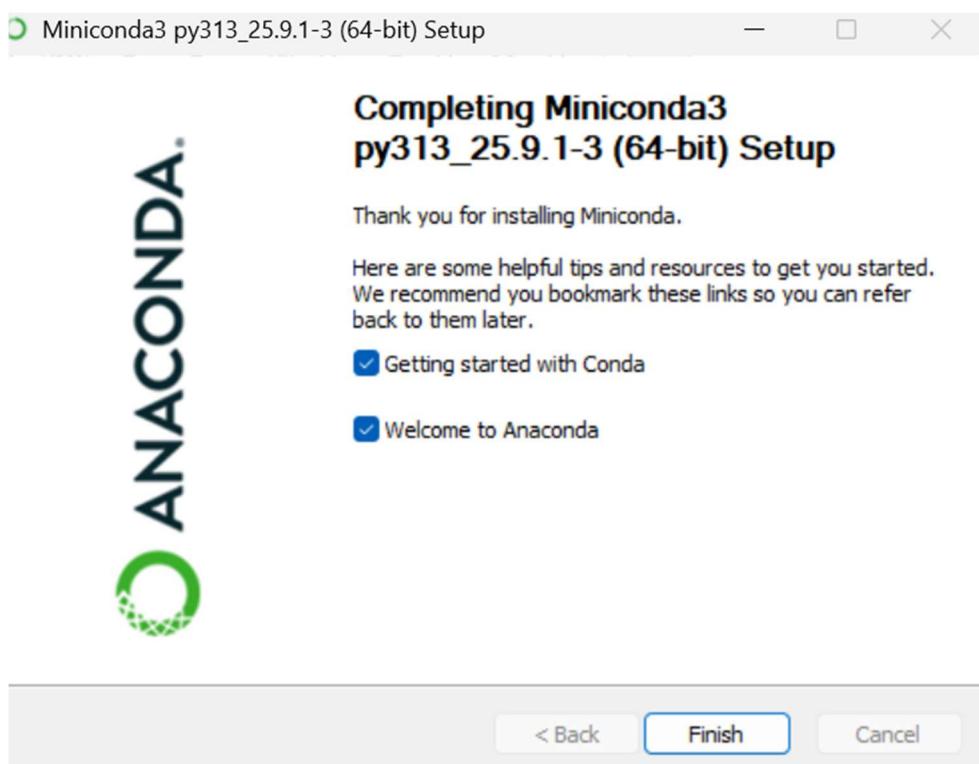
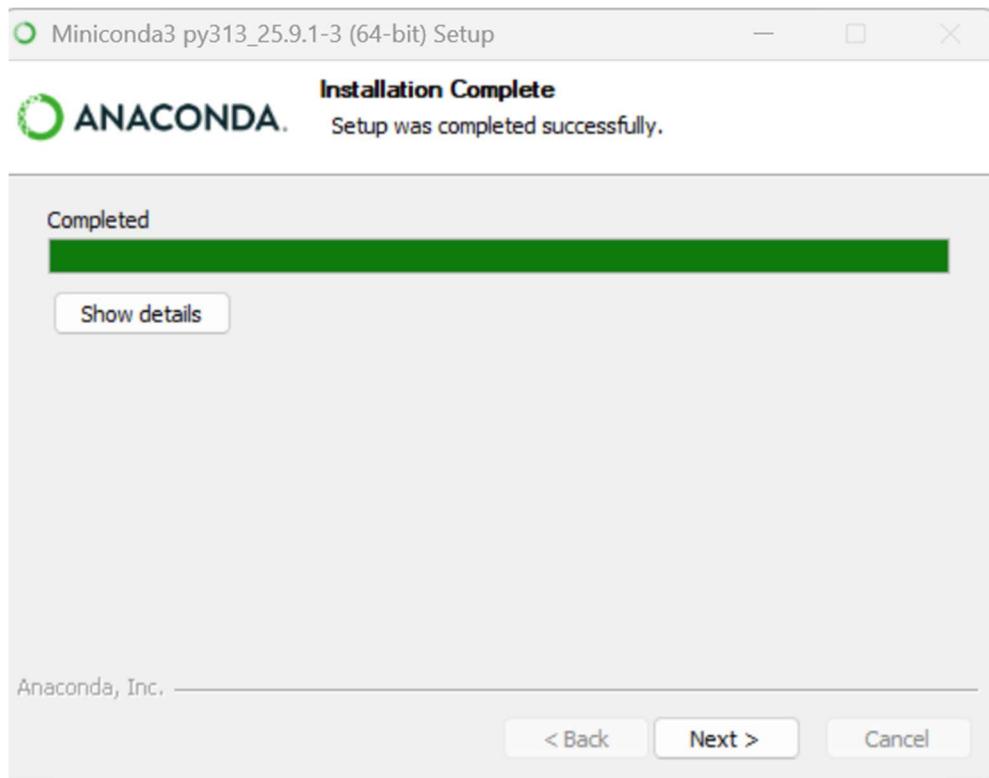
5. Keep default Destination Folder and click Next



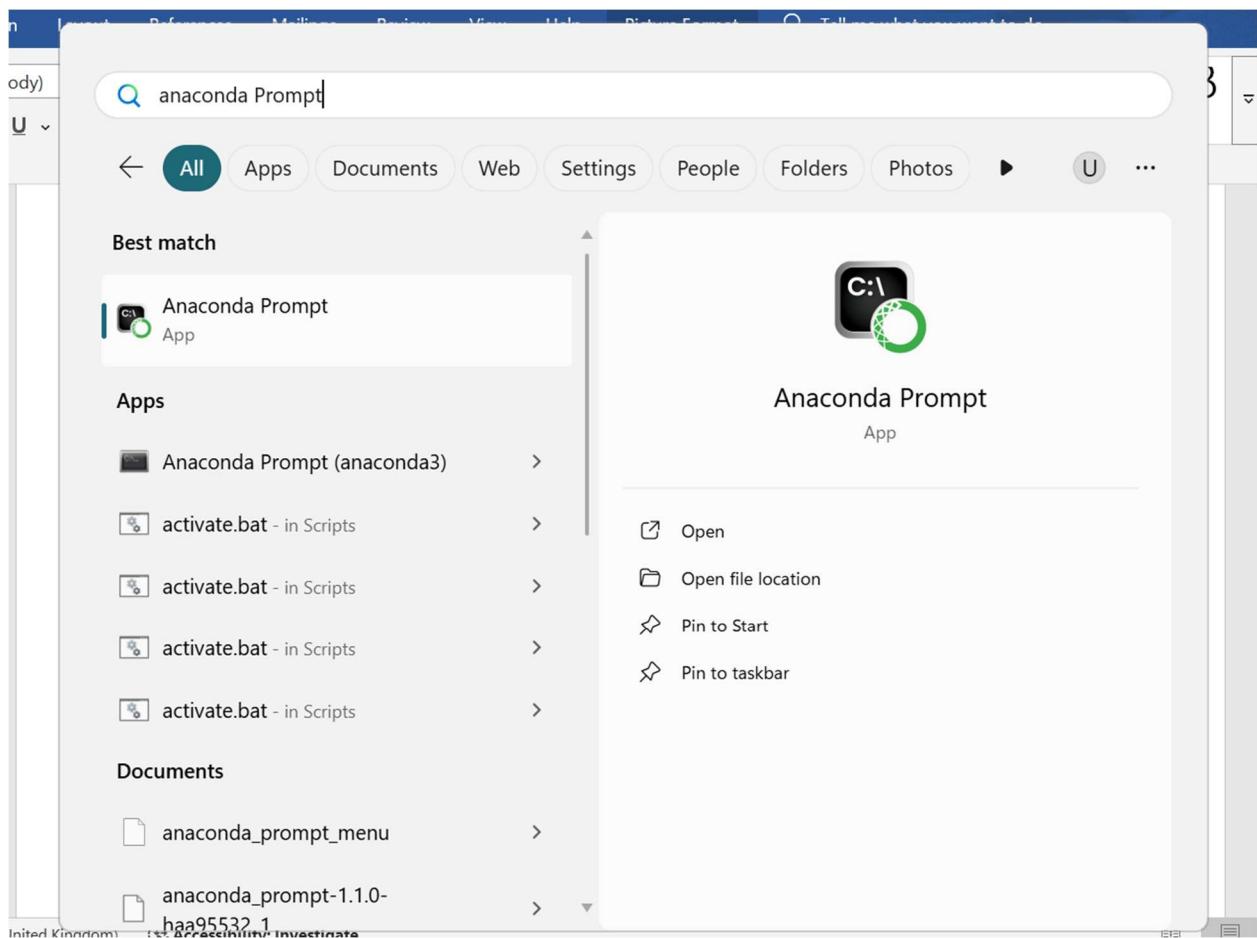
6. Select as per the screenshot below and click Install



7. Click **Next**



8. Press windows key and type anaconda prompt and open it

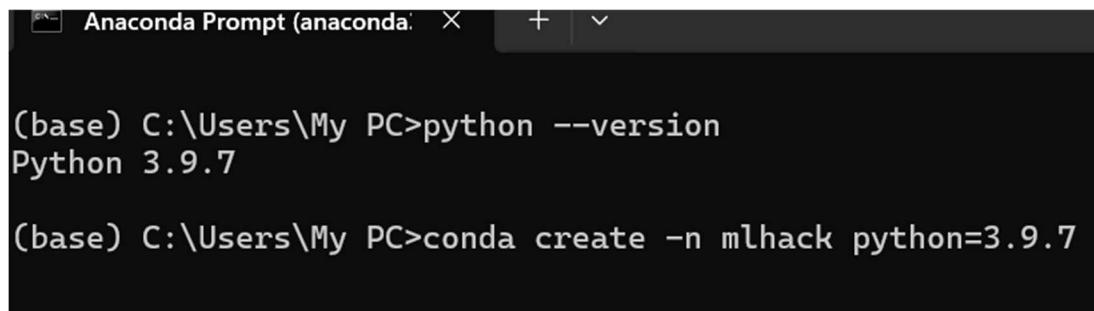


9. Type conda --version , if displayed like below your mini conda is successfully installed

```
(base) C:\Users\My PC>conda --version
conda 23.1.0

(base) C:\Users\My PC>
```

10. Before creating virtual environment check your python version by typing the ***python --version*** and type ***conda create -n mlhack python=3.9.7*** to create the virtual environment.



```
Anaconda Prompt (anaconda) X + ^

(base) C:\Users\My PC>python --version
Python 3.9.7

(base) C:\Users\My PC>conda create -n mlhack python=3.9.7
```

11. You will get following message after completing creation virtual environment

```
ca-certificates      pkgs/main/win-64::ca-certificates-2020.11.4-haa95532_0
openssl             pkgs/main/win-64::openssl-1.1.1w-h2bbff1b_0
pip                 pkgs/main/noarch::pip-25.3-pyhc872135_0
python              pkgs/main/win-64::python-3.9.7-h6244533_1
setuptools          pkgs/main/win-64::setuptools-80.9.0-py39haa95532_0
sqlite              pkgs/main/win-64::sqlite-3.51.0-hda9a48d_0
tzdata              pkgs/main/noarch::tzdata-2025b-h04d1e81_0
ucrt                pkgs/main/win-64::ucrt-10.0.22621.0-haa95532_0
vc                  pkgs/main/win-64::vc-14.3-h2df5915_10
vc14_runtime         pkgs/main/win-64::vc14_runtime-14.44.35208-h4927774_0
vs2015_runtime       pkgs/main/win-64::vs2015_runtime-14.44.35208-ha6b5a9_0
wheel               pkgs/main/win-64::wheel-0.45.1-py39haa95532_0

Unloading and Extracting Packages

Preparing transaction: done
Verifying transaction: done
Executing transaction: done

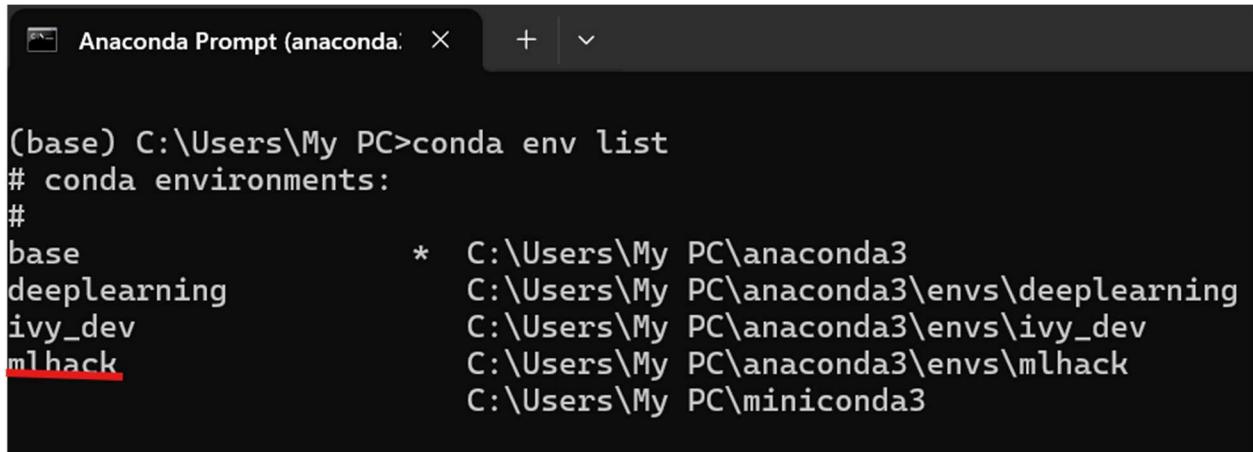
To activate this environment, use

$ conda activate mlhack

To deactivate an active environment, use

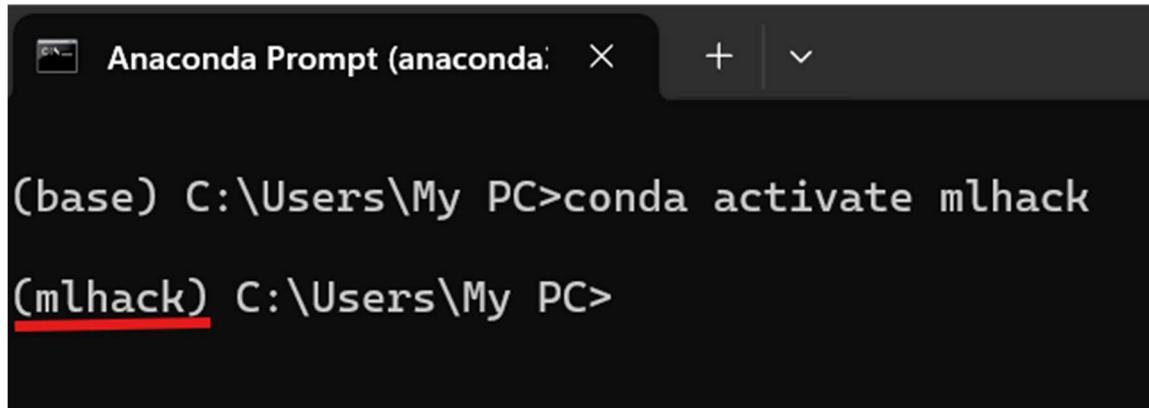
$ conda deactivate
```

12. To check whether your virtual environment is created please type ***conda env list*** and you will find your virtual environment ***mlhack*** in the list which confirms that you have successfully created the virtual environment.



```
(base) C:\Users\My PC>conda env list
# conda environments:
#
base                  * C:\Users\My PC\anaconda3
deeplearning           C:\Users\My PC\anaconda3\envs\deeplearning
ivy_dev                C:\Users\My PC\anaconda3\envs\ivy_dev
mlhack                 C:\Users\My PC\anaconda3\envs\mlhack
miniconda3             C:\Users\My PC\miniconda3
```

13. To activate the virtual environment created type **conda activate mlhack** and your initial **(base)** will be changed to **(mlhack)**

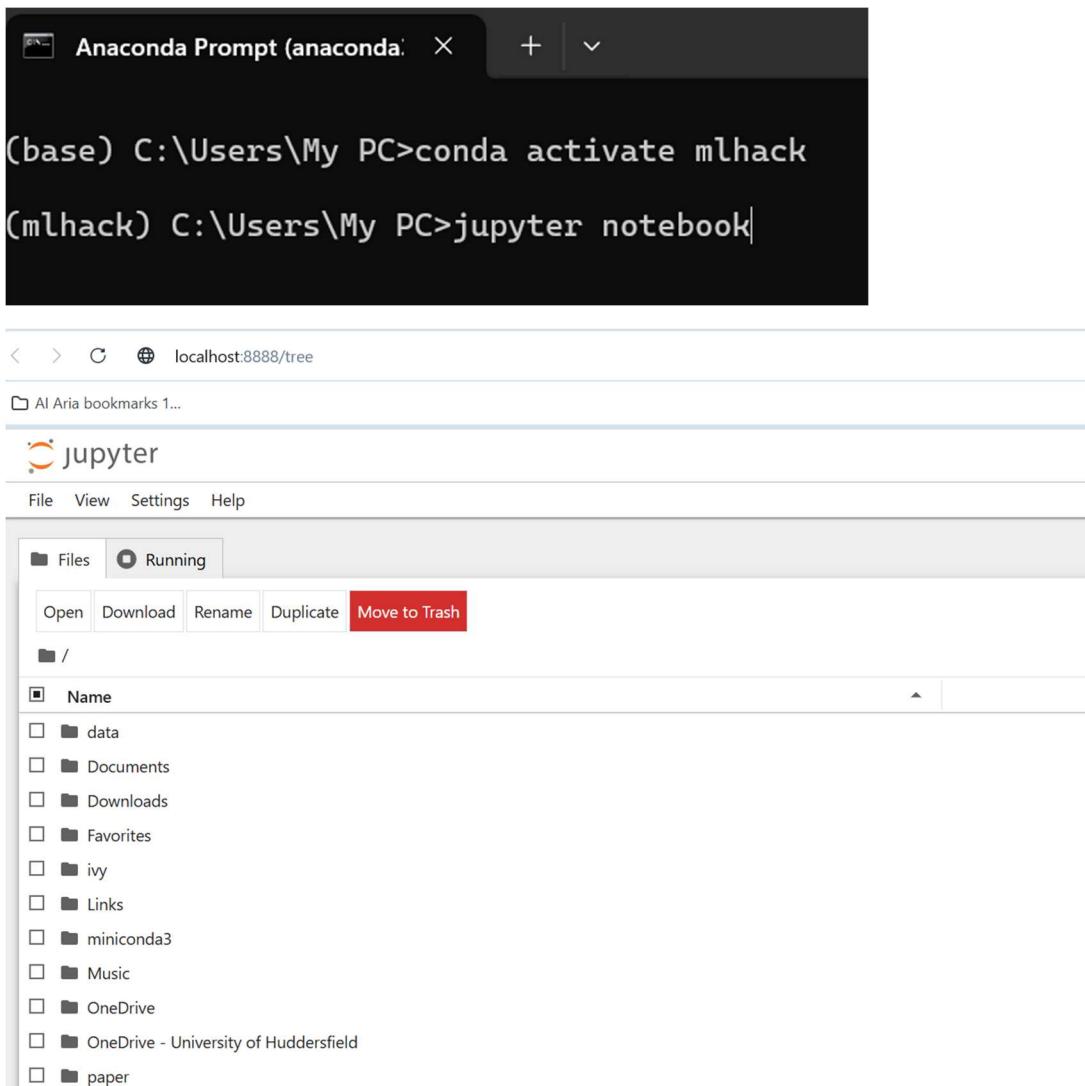


```
(base) C:\Users\My PC>conda activate mlhack
(mlhack) C:\Users\My PC>
```

14. Now install the required libraries as per below:

- pip install jupyter notebook
- pip install scikit-learn
- pip install torch

After that type **jupyter notebook** inside the virtual environment which will redirect to browser as follow



Hover to **file** and select **New** and **Notebook** to open a new jupyter notebook

Test by writing following program if out is displaying then your lab is ready to run

AI Aria bookmarks 1...

jupyter Untitled5 Last Checkpoint: 33 seconds ago

File Edit View Run Kernel Settings Help

Cell + X □ ▶ ■ C ▶ Code ▾

```
[2]: print ("Hello World")
```

Hello World

```
[ ]:
```