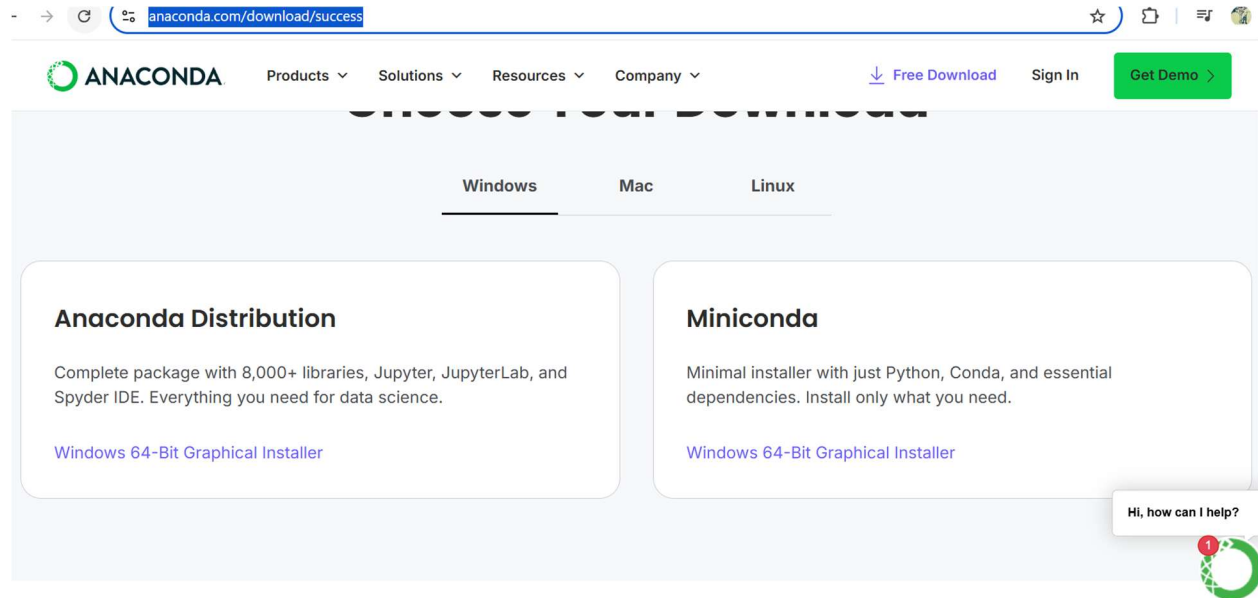


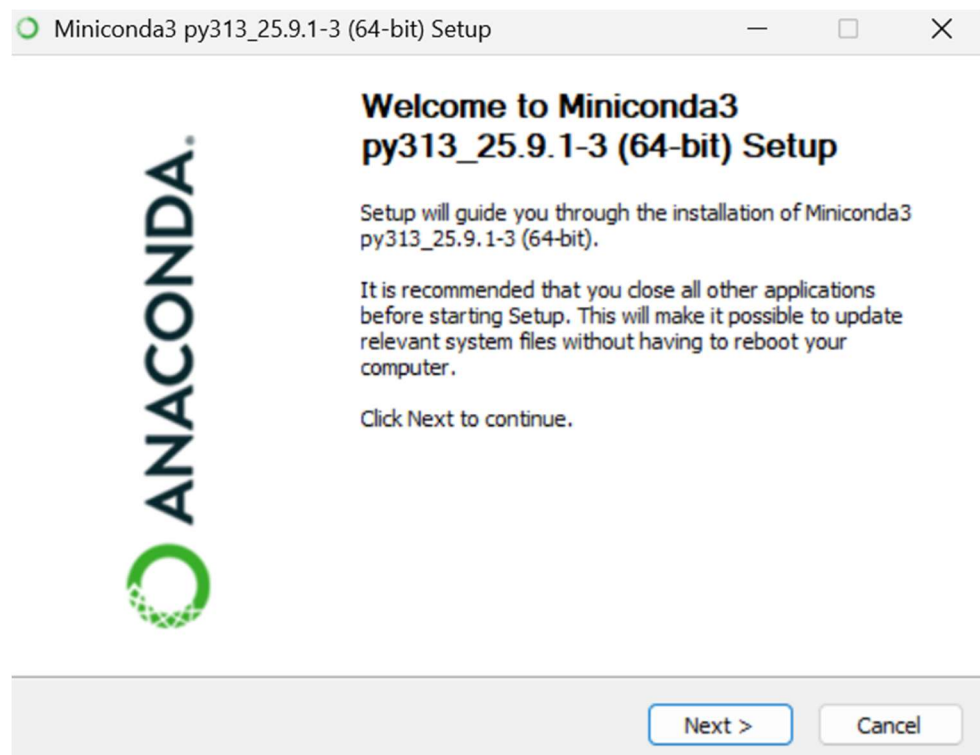
Please visit link below to download anaconda mini version

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

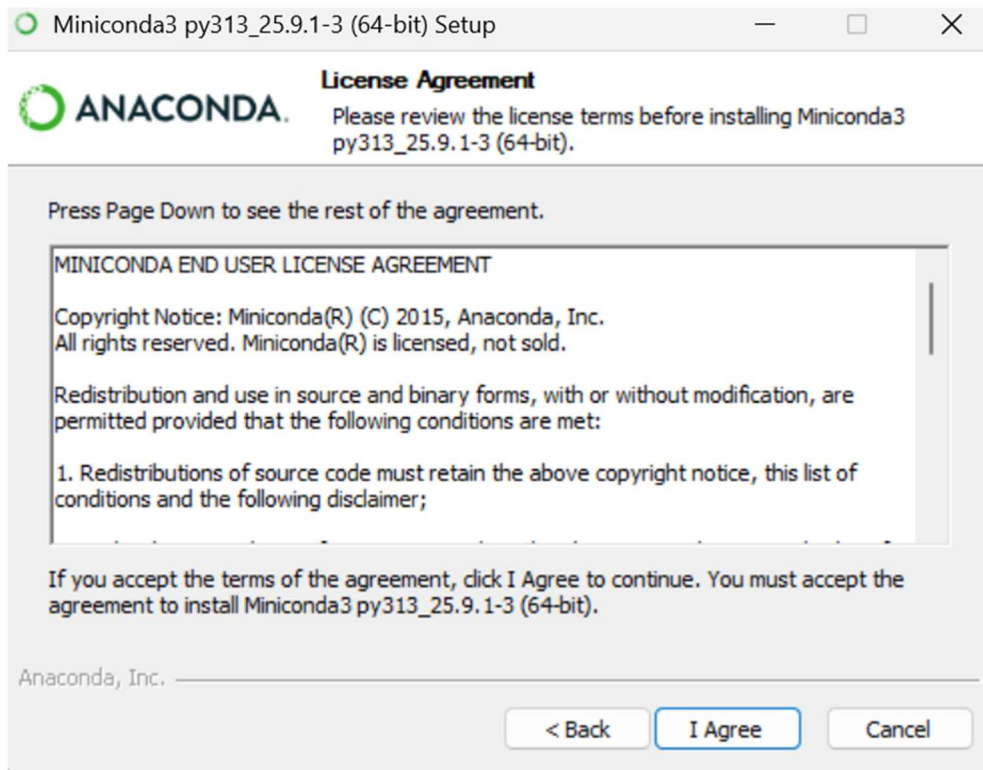
1. Click on Windows 64-Bit Graphical Installer under Miniconda to download



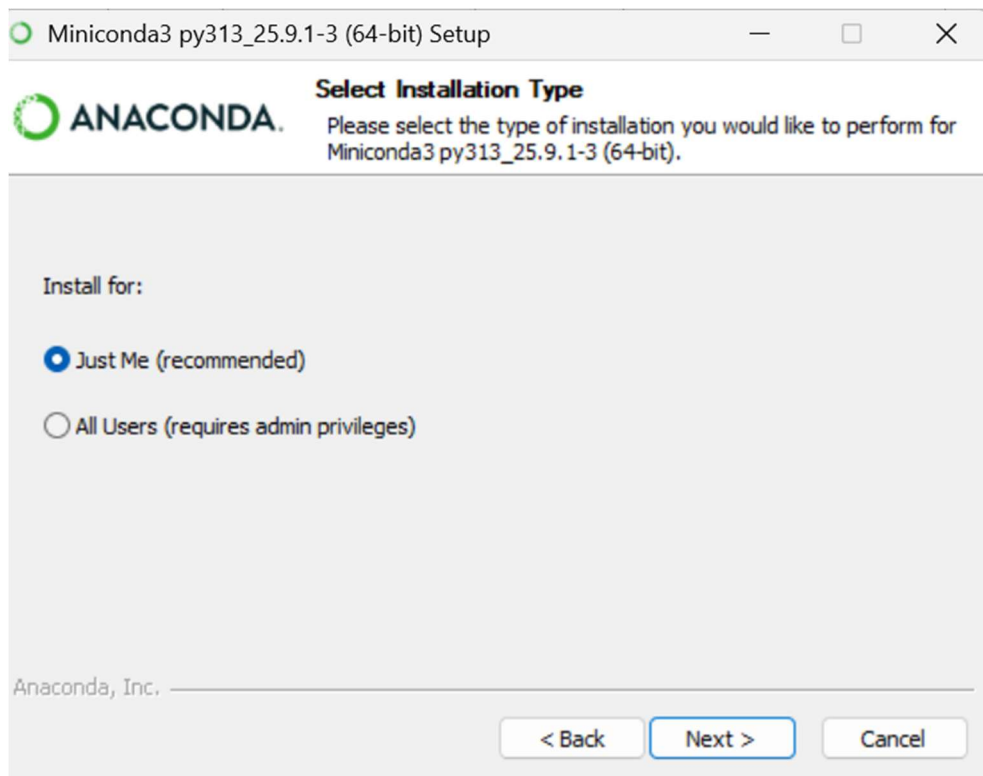
2. Click **Next**



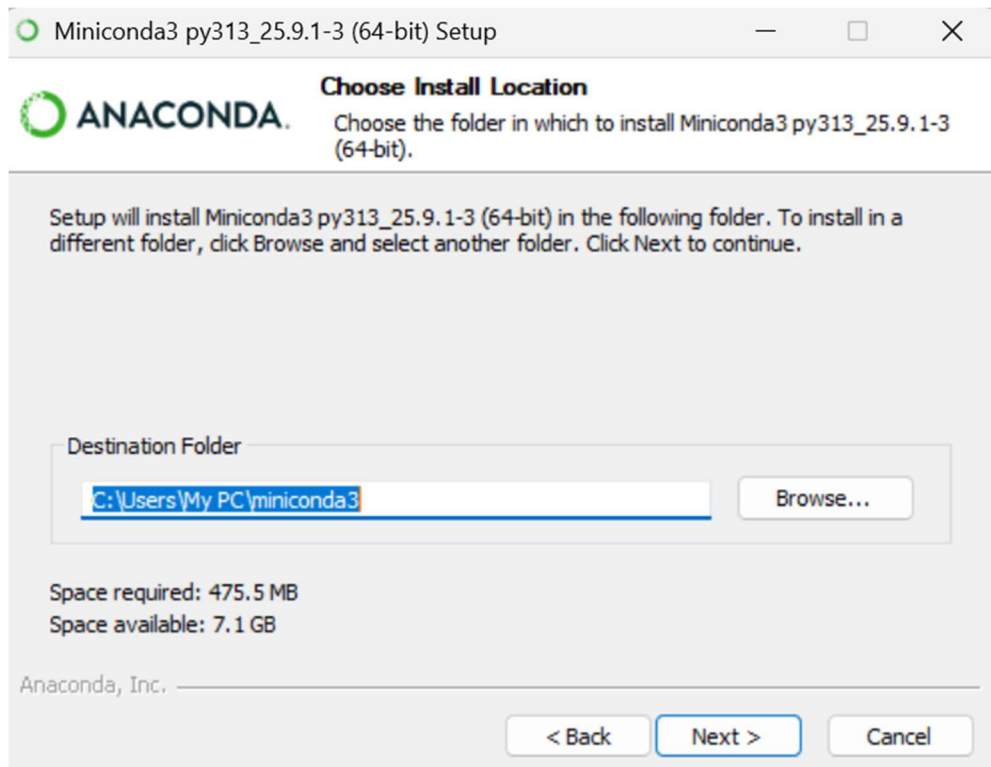
### 3. Select I Agree



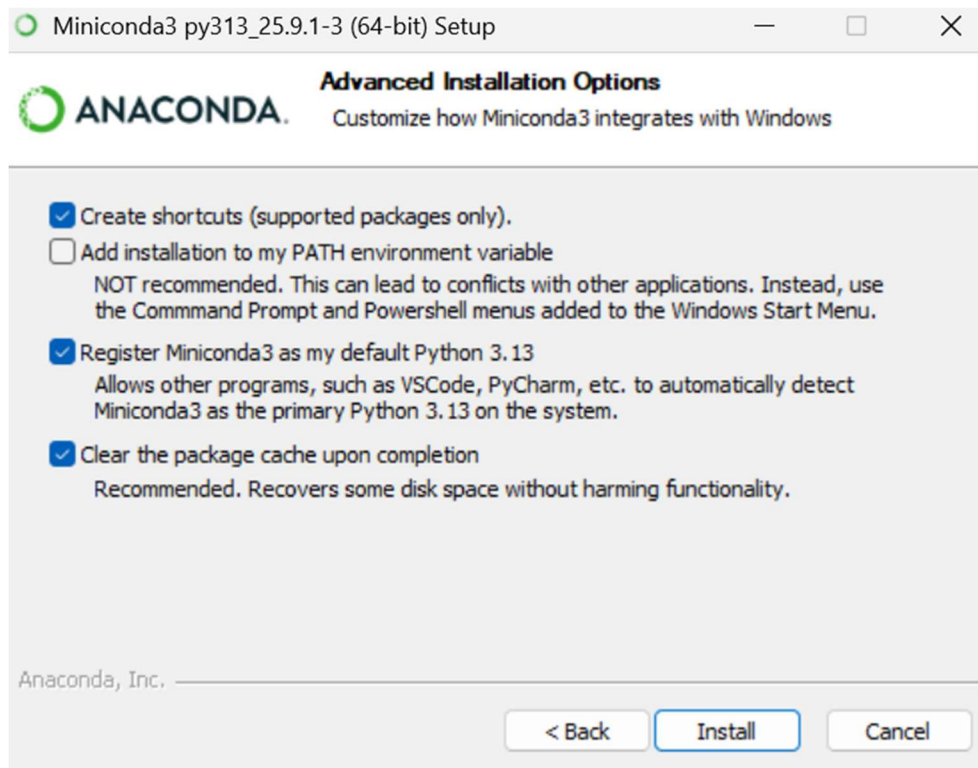
### 4. Select Just Me and click Next



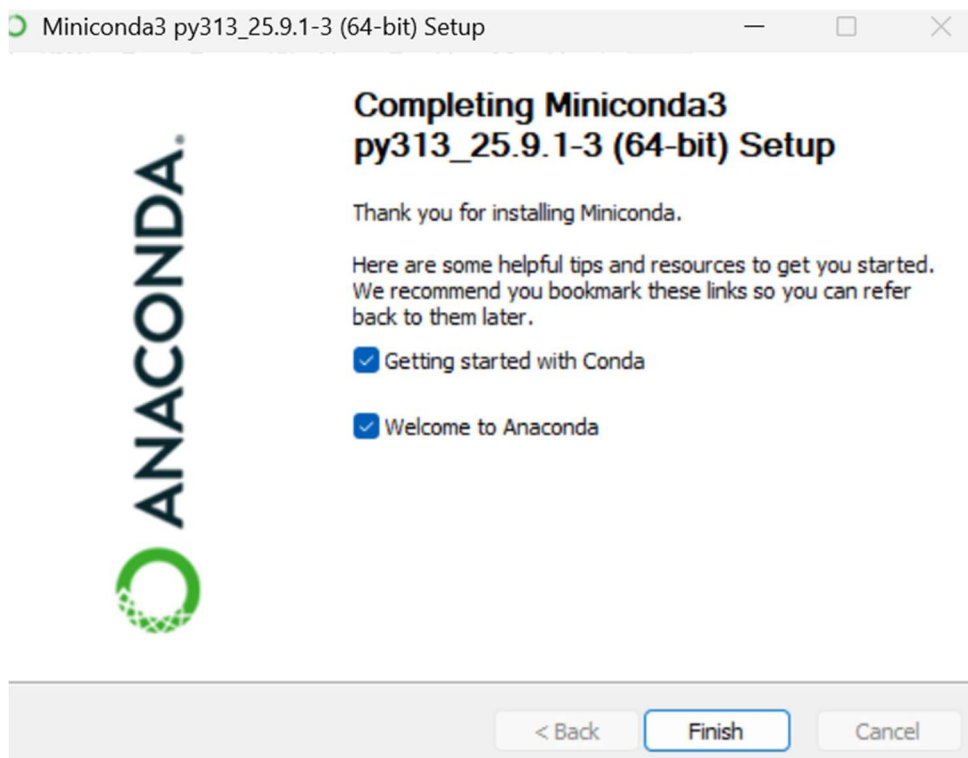
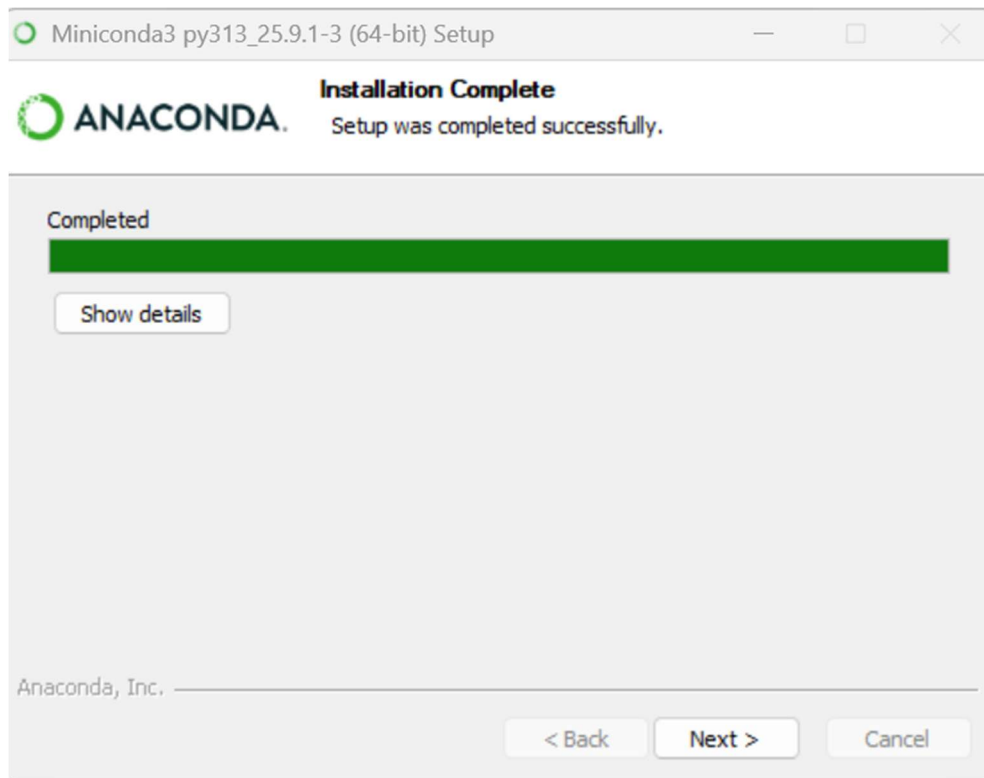
5. Keep default Destination Folder and click **Next**



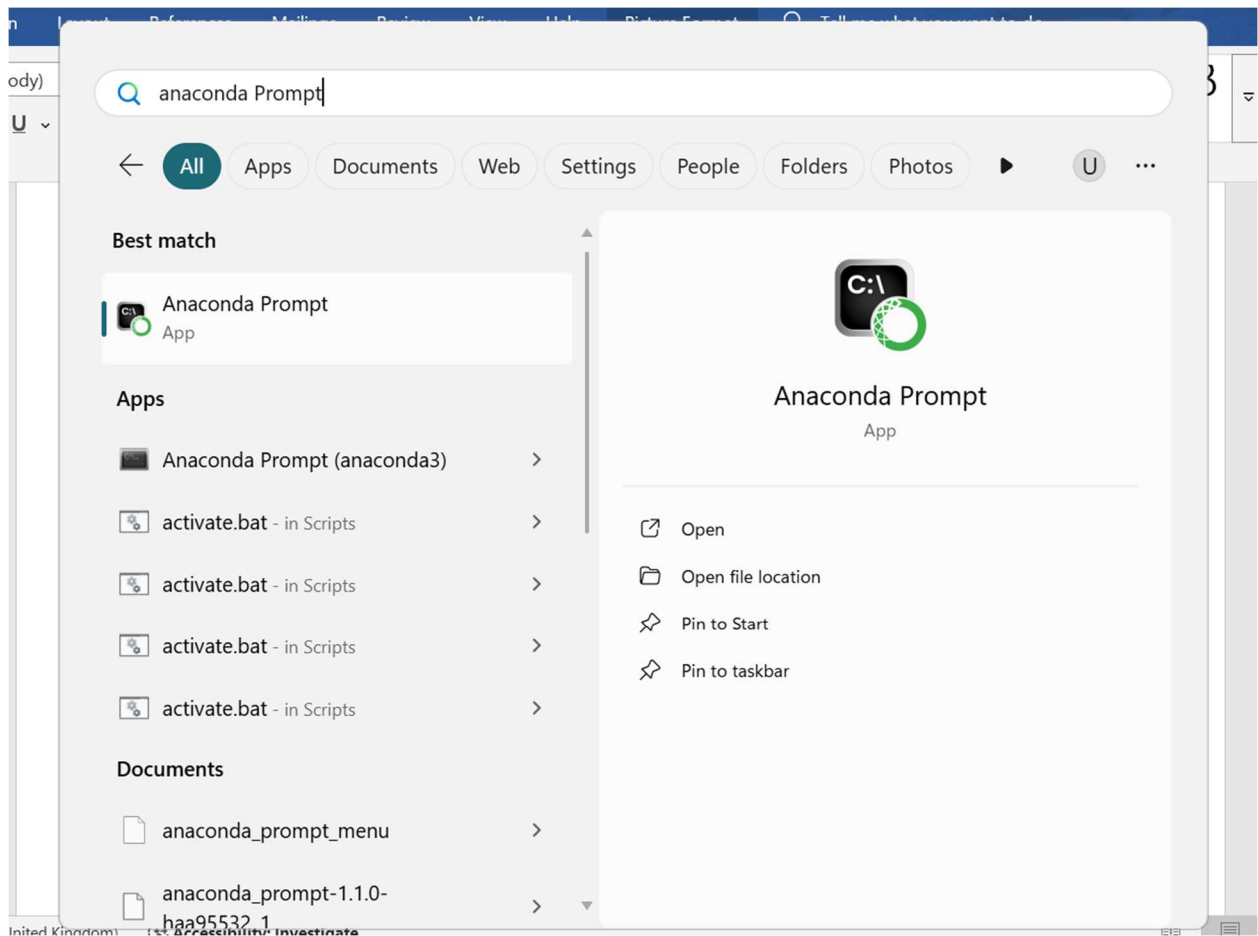
6. Select as per the screenshot below and click Install



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

```
Anaconda Prompt (anaconda3) [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: ...)
```

```
(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-2023.11.4-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.

```
Anaconda Prompt (anaconda:  X  +  v

(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
                    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)**

```
Anaconda Prompt (anaconda:  X  +  v

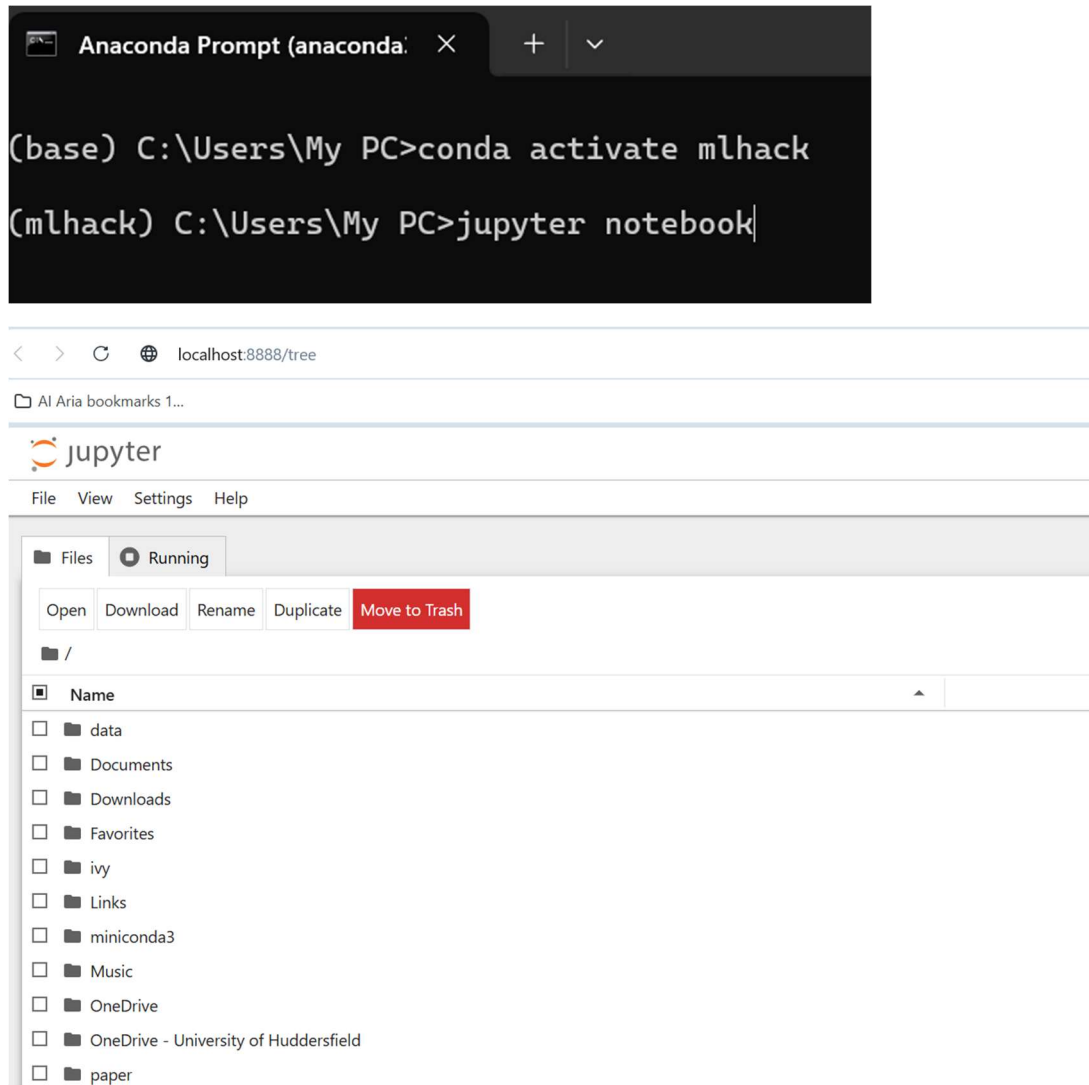
(base) C:\Users\My PC>conda activate mlhack

(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



< > ↻ 🌐 localhost:8888/notebooks/Untitled5.ipynb

📁 AI Aria bookmarks 1...

 **jupyter** Untitled5 Last Checkpoint: 33 seconds ago

File Edit View Run Kernel Settings Help

📁 + ✂ 📄 📌 ▶ ■ ↻ ⏩ Code ▾

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

Hello World

```
[ ]:
```