



ELYSIAN EDU
AI LEARNING CENTER

Environment Setup

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This documentation is strictly confidential.

1. Environment Setup

1. Anaconda Installation
2. Create the jupyter environment
3. Create the ipykernel

1.1 Anaconda Installation

Please follow the instructions according to the references.

For Window

<https://docs.anaconda.com/anaconda/install/windows/>

For Mac

<https://docs.anaconda.com/anaconda/install/mac-os/>

For Linux

<https://docs.anaconda.com/anaconda/install/linux/>

1.2 Create the jupyter environment (cont'd)

1. Create a new environment named "python_ml" that contains Python 3.9:

❑ **conda create -n "python_ml" python==3.9 anaconda**

When conda asks if you want to proceed, type "y" and press Enter.

2. After the new environment is successfully installed, please check with the following commands.

❑ **conda info --envs**

Environments including "base" and "python_ml" will be shown.

1.2 Create the jupyter environment

3. Activate the new environment.

❑ **conda activate python_ml**

4. Check the python version

❑ **python --version**

Python version "3.9" will be shown.

```
asus@asus-VivoBook:~$ conda env list
# conda environments:
#
base                *  /home/asus/anaconda3
python_ml           /home/asus/anaconda3/envs/python_ml
tsw_env             /home/asus/anaconda3/envs/tsw_env
```

```
asus@asus-VivoBook:~$ conda activate python_ml
(python_ml) asus@asus-VivoBook:~$ python --version
Python 3.9.0
(python_ml) asus@asus-VivoBook:~$
```

1.3 Create the jupyter kernel

- `conda activate python_ml`
- `conda install pip`
- `conda install ipykernel`
- `python -m ipykernel install --user --name python_ml --display-name "python_ml"`

