

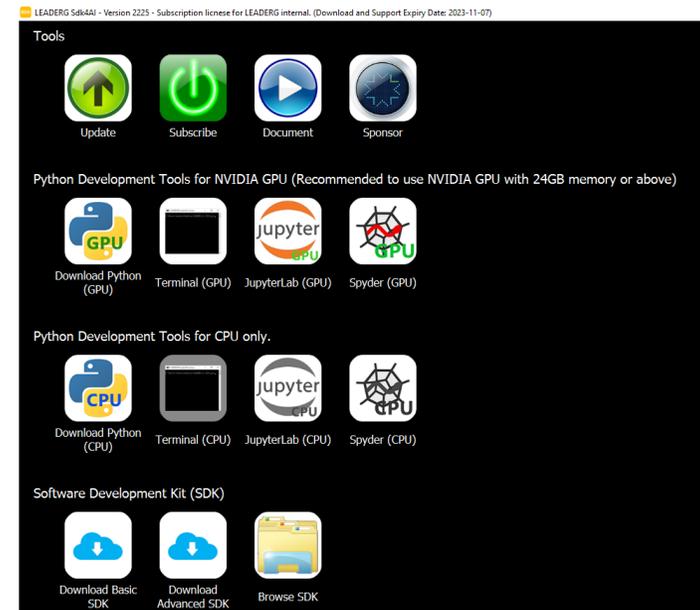
Sdk4AI Windows

Sdk for AI is AI Dev Tools for Python software engineers. Save time. For Windows OS, one-click installation of Python development environment is provided. More than 200 featured algorithm SDK examples are provided.

Version 20221129

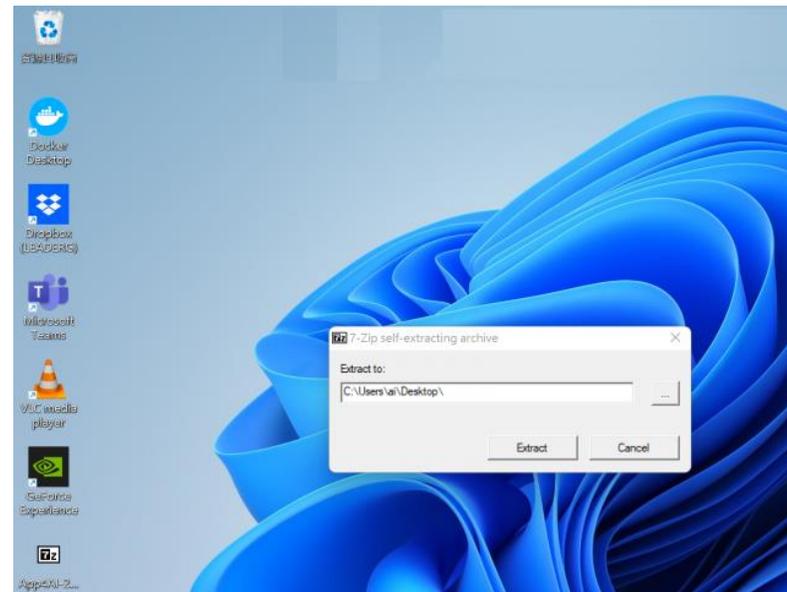
Applications

- It can be applied to product defect detection, medical image analysis, artificial intelligence teaching materials, crime detection and prevention, access control and attendance, smart long-term care, public security, big data analysis, stock price inference, financial index inference, research and development, etc.



Download

- Download URL: <https://www.leaderg.com/sdk4ai-windows>
- After downloading, please execute the exe file to decompress it. Please note that the path of the decompression folder must be in English characters or numbers.

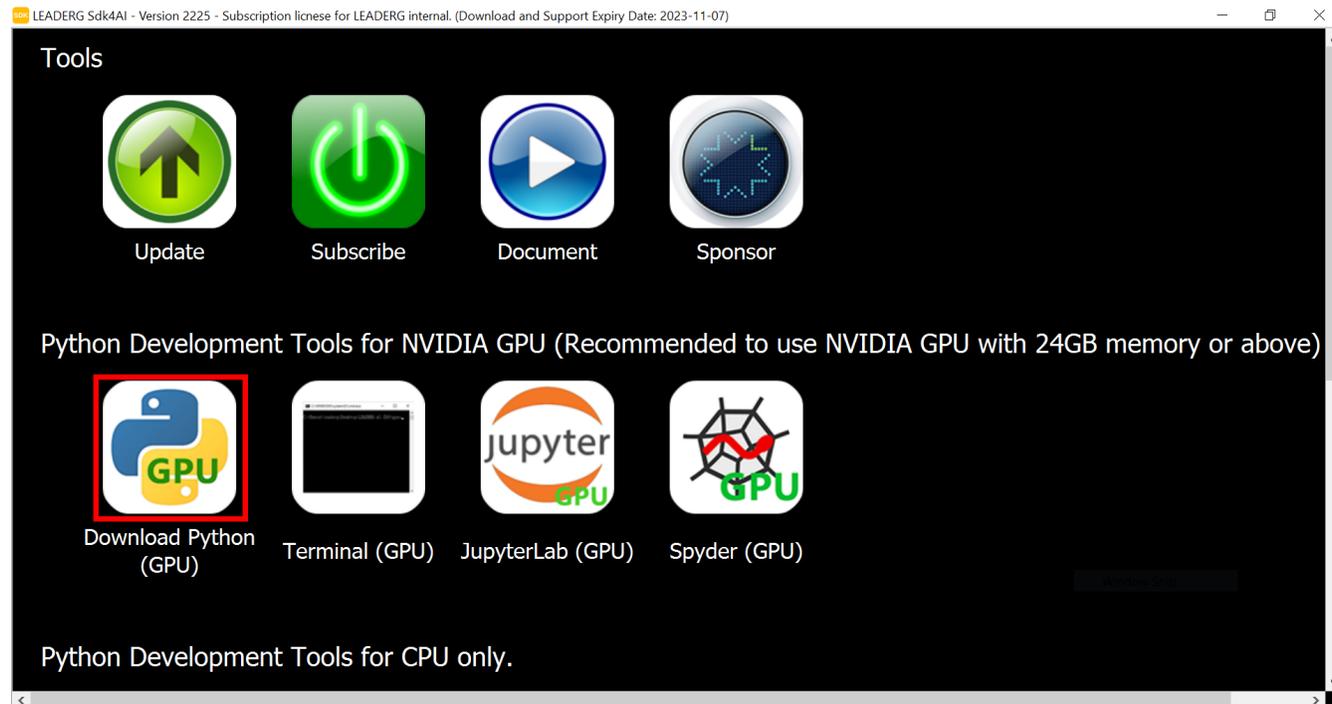


How to Use

- The path of Sdk4AI folder must be pure English characters or numbers.
- The path of user home folder (C:\Users\xxx) must be pure English characters or numbers.
- If you pause antivirus software or make Sdk4AI folder in white list, the speed will be increased for more than 20%.
- If not installed yet, please install `third_party_tools\windows\vc_redist_x64-vc2010.exe`
- If not installed yet, please install `third_party_tools\windows\vc_redist_x64-vc2015-vc2022.exe`
- If not installed yet, please install latest Nvidia GPU driver from <https://www.nvidia.com/Download/index.aspx>
- Please set OS default browser to be Chrome or Firefox.
- Please execute Sdk4AI.exe to start user interface.
- Basic features are free. Please sponsor a subscription to Sdk4AI for advanced features.
- If not subscribed yet, please execute `subscribe.bat` to subscribe LEADERG Sdk4AI.
- Detail information is inside of `readme.txt` in `sdk` folders.
- Basic features are free. Please sponsor a subscription to Sdk4AI for advanced features.
- If not subscribed yet, please execute `subscribe.bat` to enter subscription code.

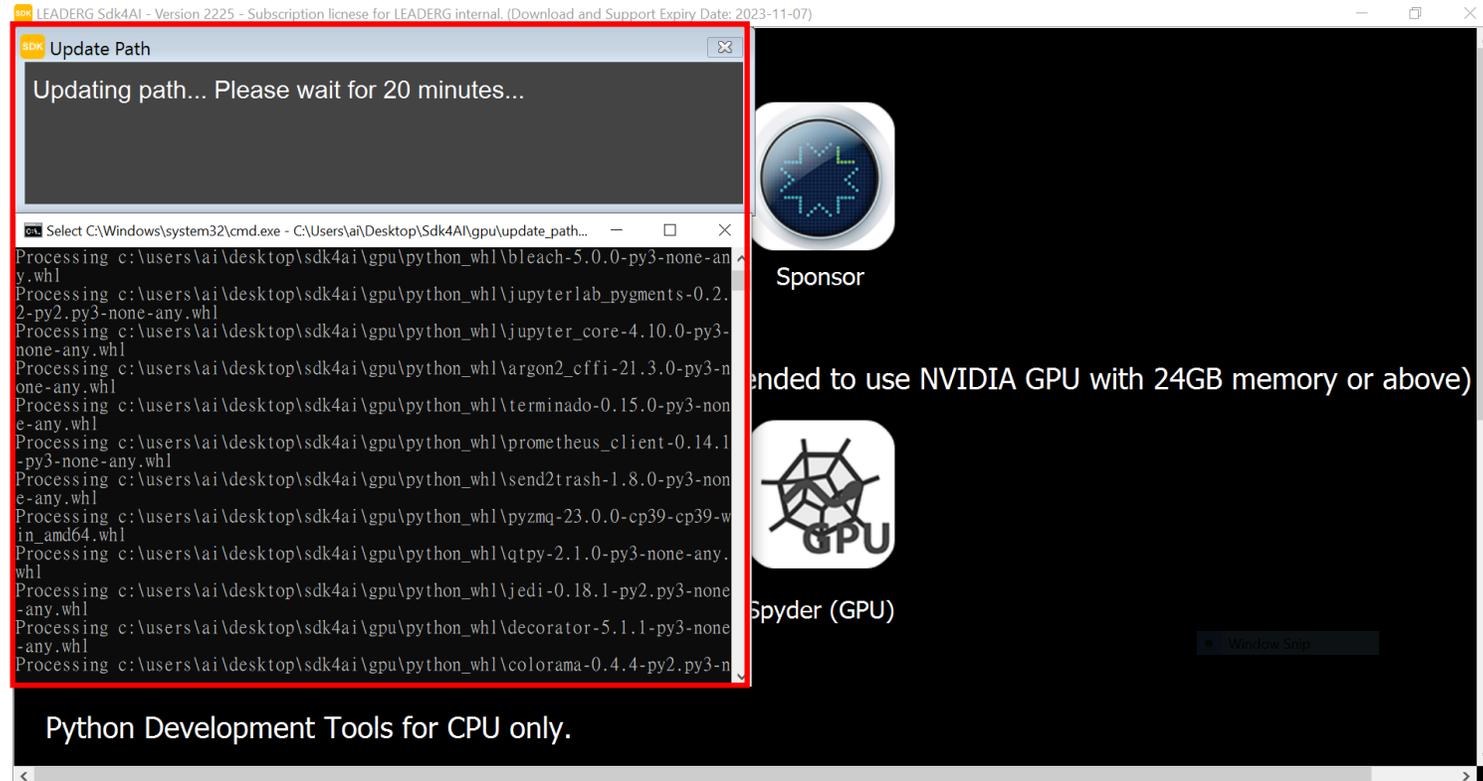
Python Tools - Instruction Step 1

- If you have NVIDIA GPU, please execute Download Python (GPU).
- If you don't have NVIDIA GPU, please execute Download Python (CPU).



Python Tools - Instruction Step 2

- After the download is complete, please wait for updating path. It will take around 20 minutes.



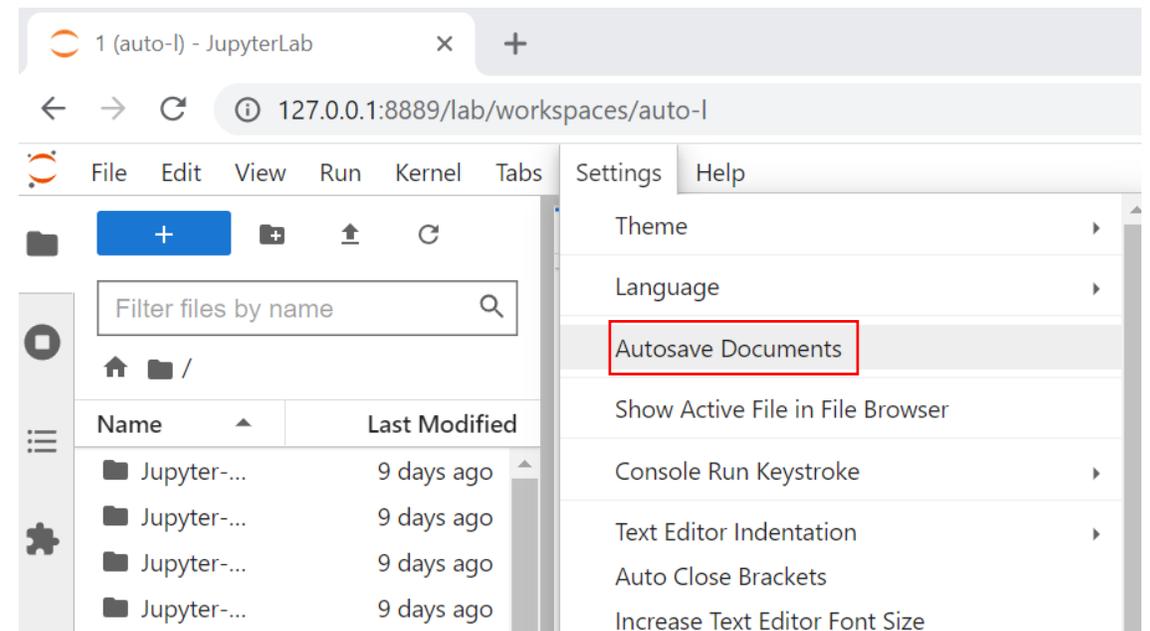
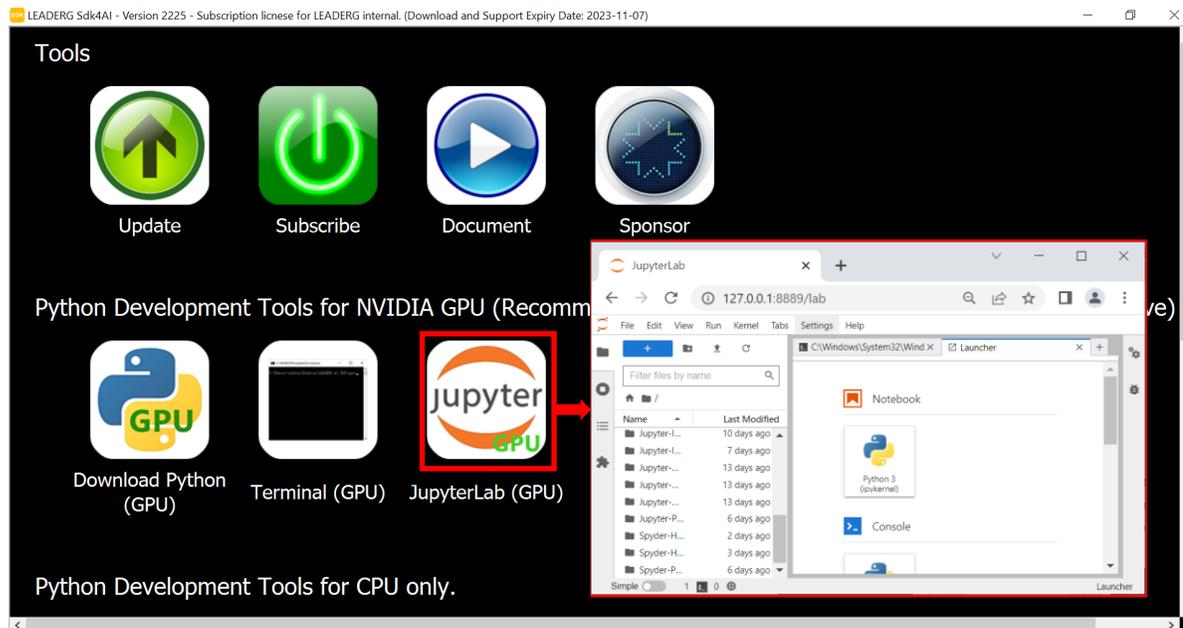
Python Tools - Instruction Step 3

- If you want to install additional Python packages, please execute the "Terminal".



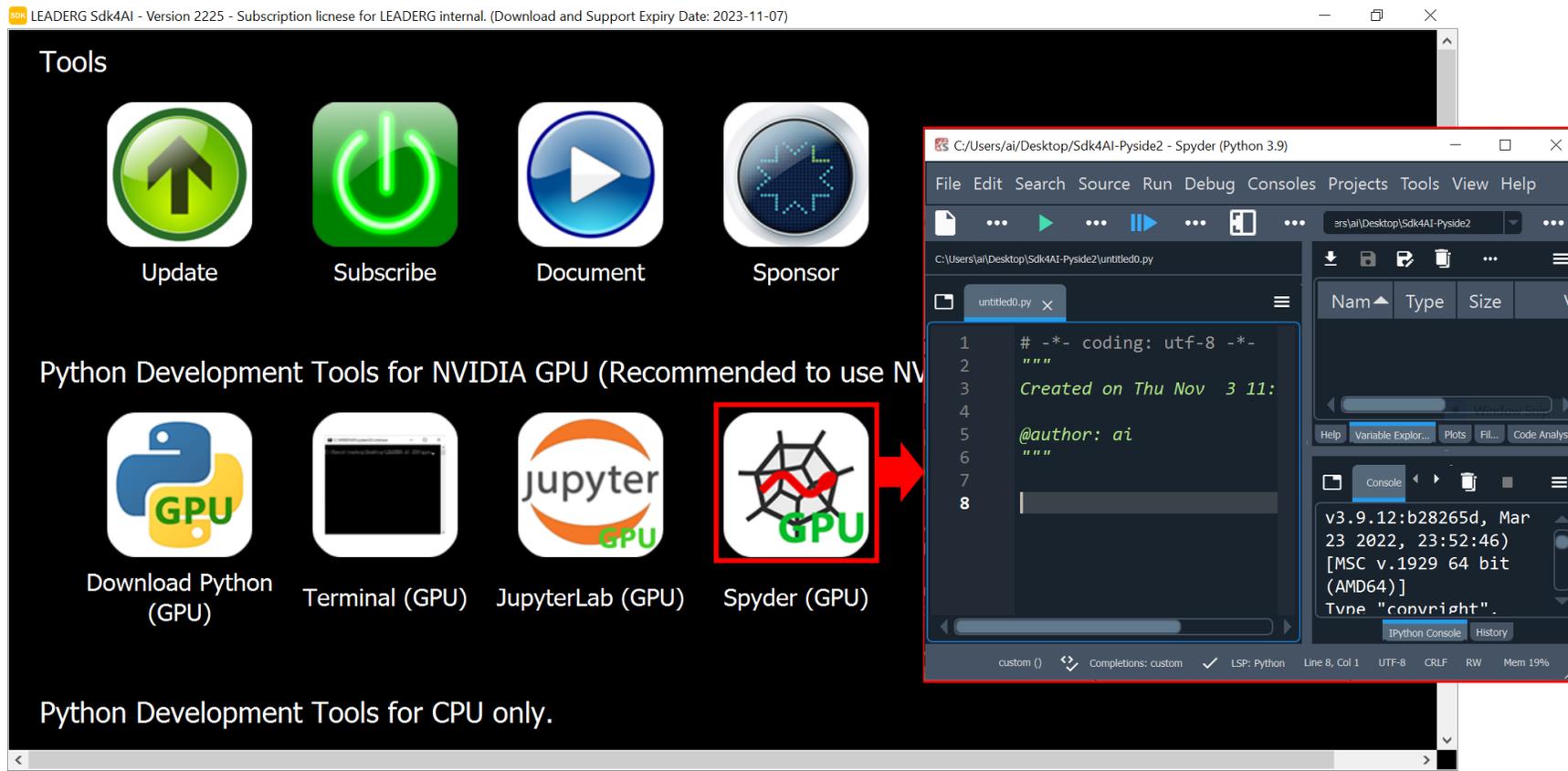
Python Tools - Instruction Step 4

- Double click JupyterLab icon to enter the JupyterLab development environment, which is suitable for algorithm development. It is recommended to disable JupyterLab -> Tools -> Auto Save Document function.



Python Tools - Instruction Step 5

- Double click Spyder icon to enter the Spyder development environment, which is suitable for GUI application development.



LEADERG Sdk4AI - Version 2225 - Subscription license for LEADERG internal. (Download and Support Expiry Date: 2023-11-07)

Tools

- Update
- Subscribe
- Document
- Sponsor

Python Development Tools for NVIDIA GPU (Recommended to use NV)

- Download Python (GPU)
- Terminal (GPU)
- JupyterLab (GPU)
- Spyder (GPU)**

Python Development Tools for CPU only.

C:/Users/ai/Desktop/Sdk4AI-Pyside2 - Spyder (Python 3.9)

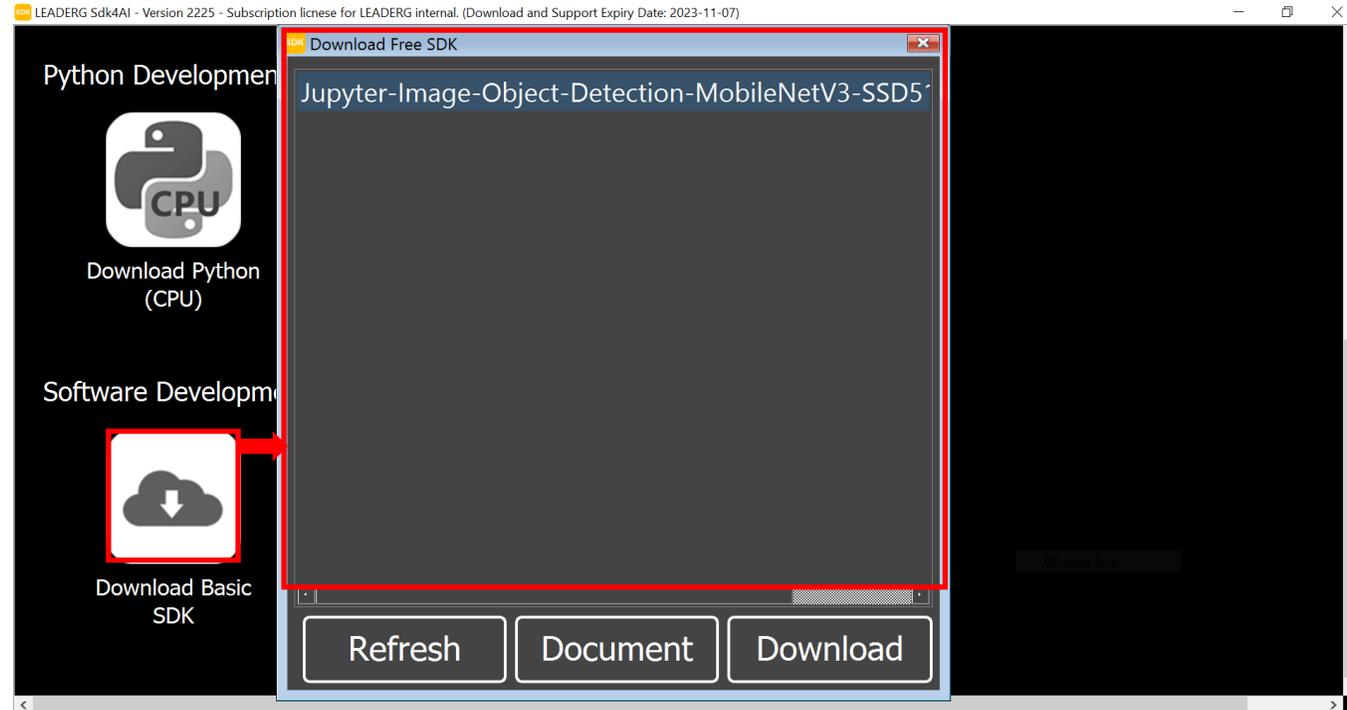
```
File Edit Search Source Run Debug Consoles Projects Tools View Help
C:\Users\ai\Desktop\Sdk4AI-Pyside2\untitled0.py
untitled0.py x
1 # -*- coding: utf-8 -*-
2 """
3 Created on Thu Nov 3 11:
4 @author: ai
5 """
6
7
8
```

Console

```
v3.9.12:b28265d, Mar 23 2022, 23:52:46)
[MSC v.1929 64 bit (AMD64)]
Type "copyright".
```

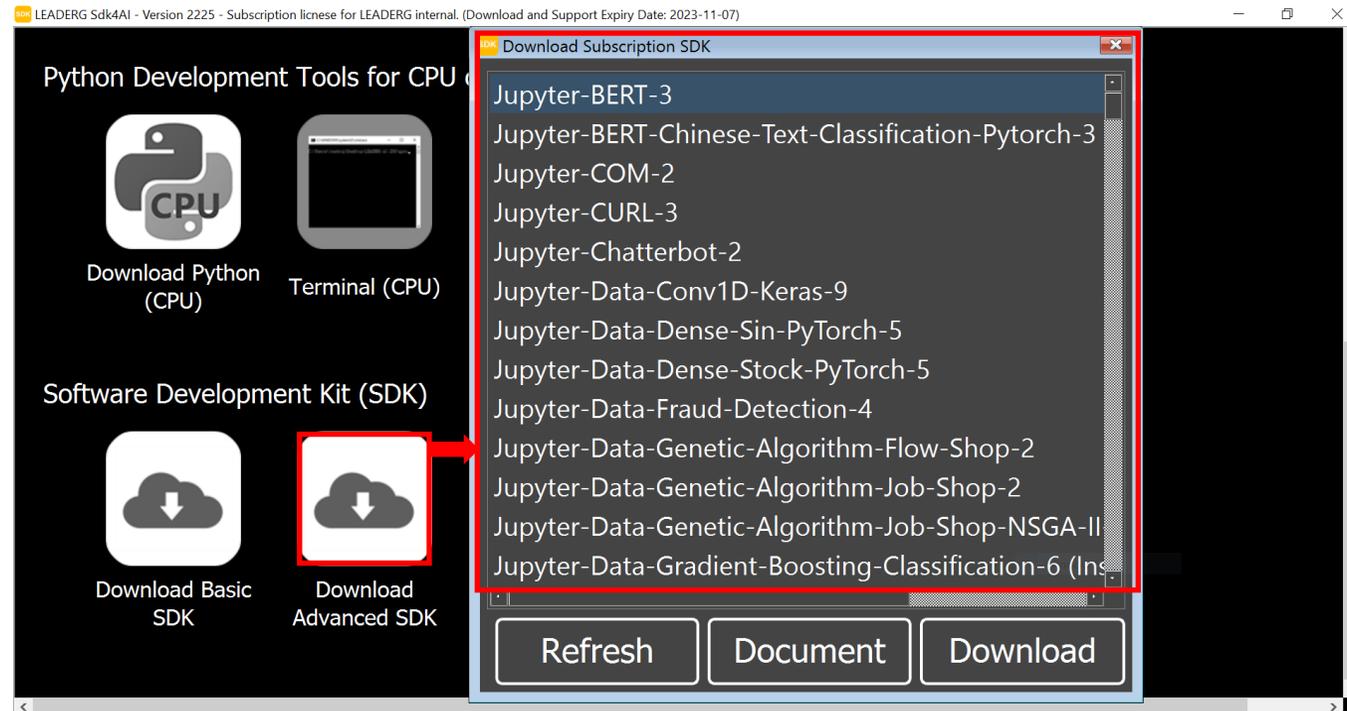
SDK – Instruction Step 1

- Double click "Download Basic SDK icon". After SDK list is loaded from internet, please select the SDK you are interested in and then click the "Download" button.



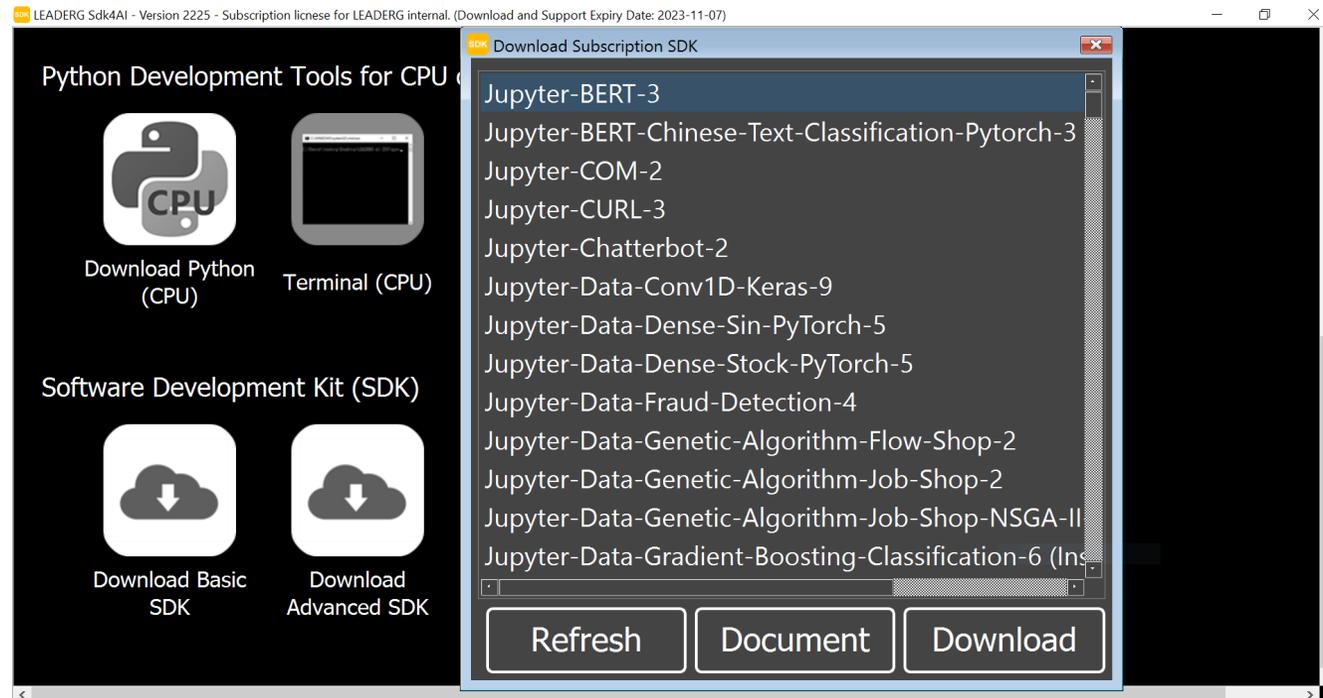
SDK – Instruction Step 1

- Double click "Download Advanced SDK icon". After SDK list is loaded from internet, please select the SDK you are interested in and then click the "Download" button.



SDK - Instruction Step 2

- SDK name with the prefix Jupyter- : Please use JupyterLab to run it.
- SDK name with the prefix Spyder- : Please use Spyder to run it.
- SDK name with the prefix VS- : Please use Microsoft Visual Studio to run it.



Reference

- LEADERG Sdk4AI : <https://www.leaderg.com/sdk4ai-windows>
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