Jupyter Notebook 安裝

主講者：王顥鈞

Step 1

至官方網站下載 **Anaconda**

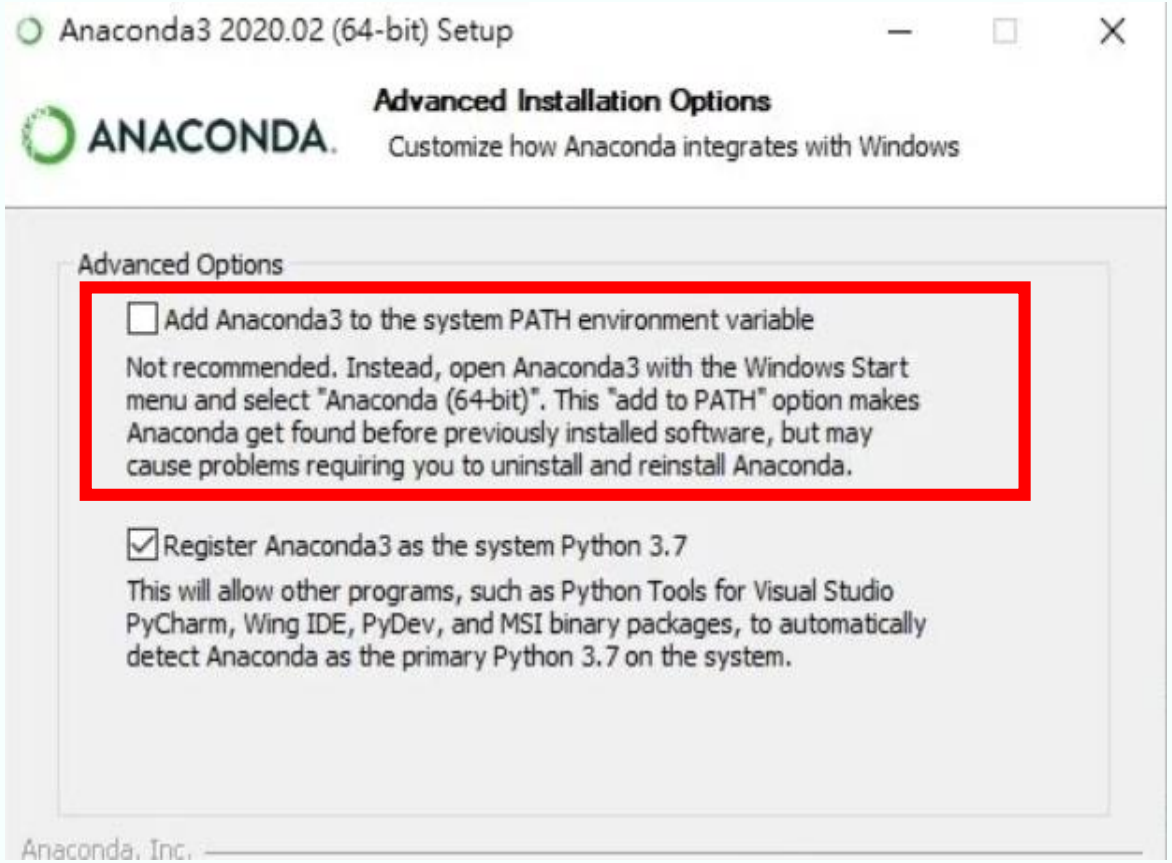
Step 1

https://www.anaconda.com/products/individual

Step 2

設定環境變數

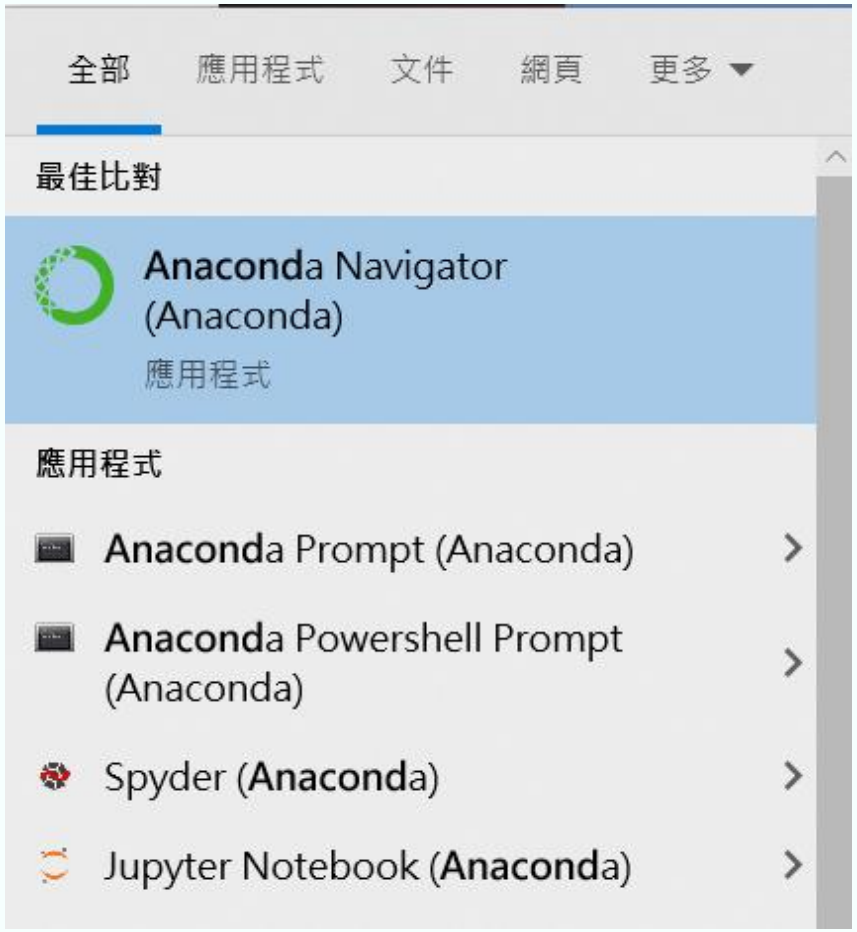
Step 2


Anaconda3 2020.02 (64-bit) Setup
ANACONDA.
Advanced Installation Options
Customize how Anaconda integrates with Windows
Advanced Options
Add Anaconda3 to the system PATH environment variable
Not recommended. Instead, open Anaconda3 with the Windows Start menu and select "Anaconda (64-bit)". This "add to PATH" option makes Anaconda get found before previously installed software, but may cause problems requiring you to uninstall and reinstall Anaconda.
Register Anaconda3 as the system Python 3.7
This will allow other programs, such as Python Tools for Visual Studio PyCharm, Wing IDE, PyDev, and MSI binary packages, to automatically detect Anaconda as the primary Python 3.7 on the system.
Anaconda, Inc.

Step 3

打開 Anaconda Negative

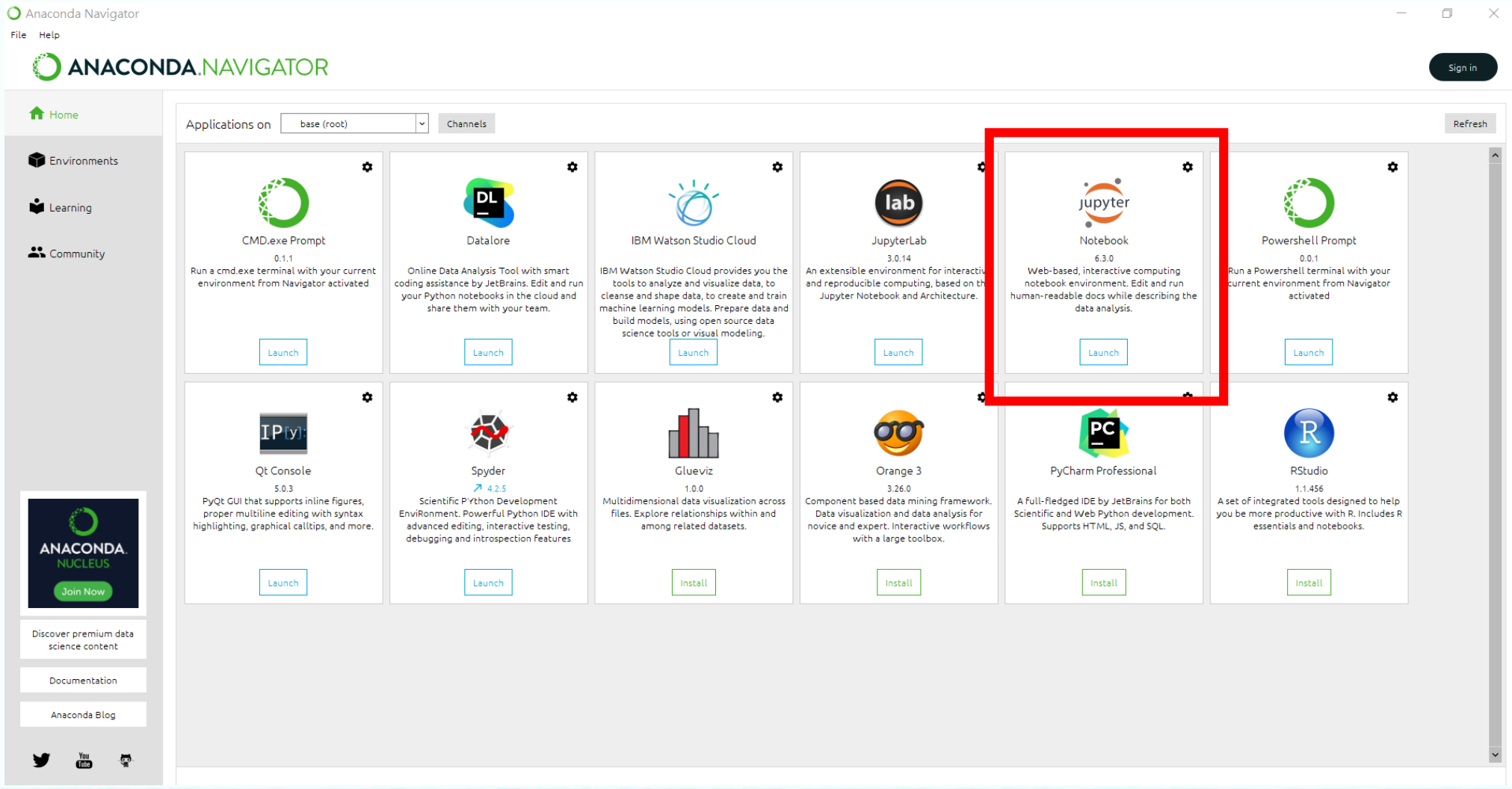
Step 3


全部
應用程式
文件
網頁
更多
最佳比對
Anaconda Navigator (Anaconda)
應用程式
應用程式
Anaconda Prompt (Anaconda)
Anaconda Powershell Prompt (Anaconda)
Spyder (Anaconda)
Jupyter Notebook (Anaconda)

Step4

打開 Anaconda Negative 內的 Jupyter Notebook

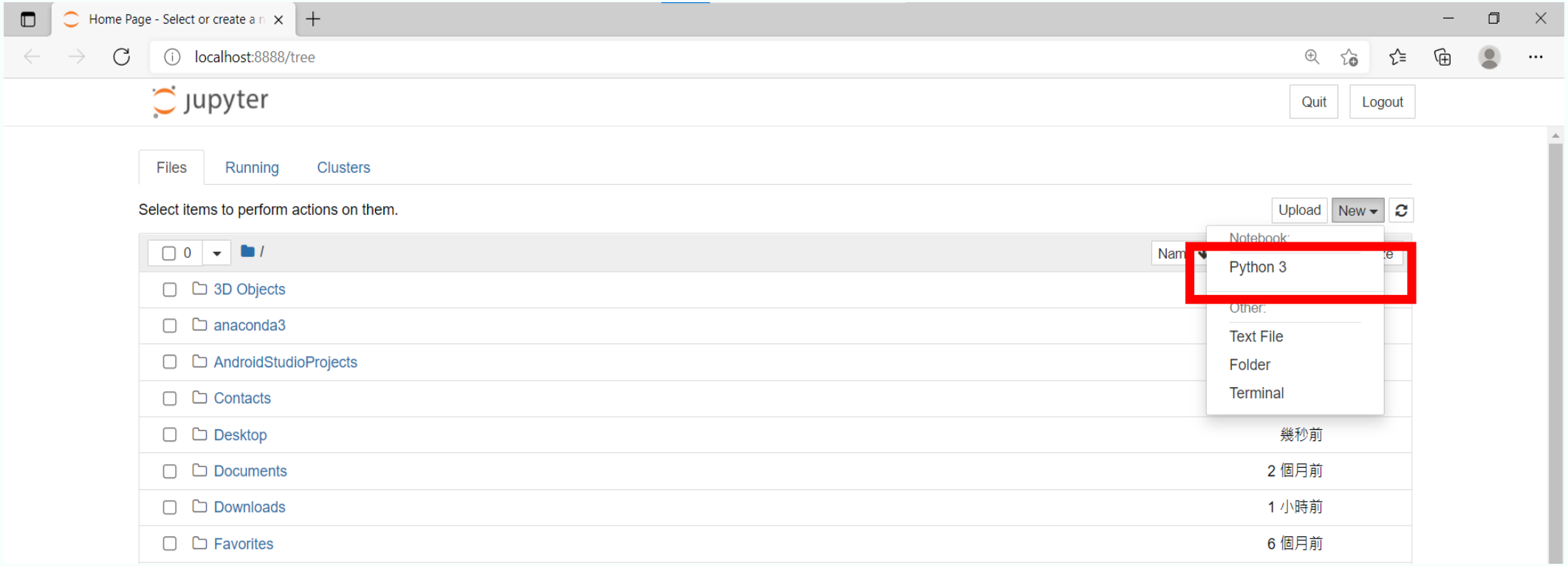
Step 4


Anaconda Navigator
File Help
ANACONDA.NAVIGATOR
Sign in
Home
Environments
Learning
Community
Applications on base (root)
Channels
Refresh
CMD.exe Prompt
0.1.1
Run a cmd.exe terminal with your current environment from Navigator activated
Launch
Datalore
Online Data Analysis Tool with smart coding assistance by JetBrains. Edit and run your Python notebooks in the cloud and share them with your team.
Launch
IBM Watson Studio Cloud
IBM Watson Studio Cloud provides you the tools to analyze and visualize data, to cleanse and shape data, to create and train machine learning models. Prepare data and build models, using open source data science tools or visual modeling.
Launch
JupyterLab
3.0.14
An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.
Launch
Notebook
6.3.0
Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.
Launch
Powershell Prompt
0.0.1
Run a Powershell terminal with your current environment from Navigator activated
Launch
Qt Console
5.0.3
PyQt GUI that supports inline figures, proper multiline editing with syntax highlighting, graphical calltips, and more.
Launch
Spyder
4.2.5
Scientific PYthon Development EnviRonment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features
Launch
Glueviz
1.0.0
Multidimensional data visualization across files. Explore relationships within and among related datasets.
Install
Orange 3
3.26.0
Component based data mining framework. Data visualization and data analysis for novice and expert. Interactive workflows with a large toolbox.
Install
PyCharm Professional
A full-fledged IDE by JetBrains for both Scientific and Web Python development. Supports HTML, JS, and SQL.
Install
RStudio
1.1.456
A set of integrated tools designed to help you be more productive with R. Includes R essentials and notebooks.
Install
ANACONDA. NUCLEUS
Join Now
Discover premium data science content
Documentation
Anaconda Blog

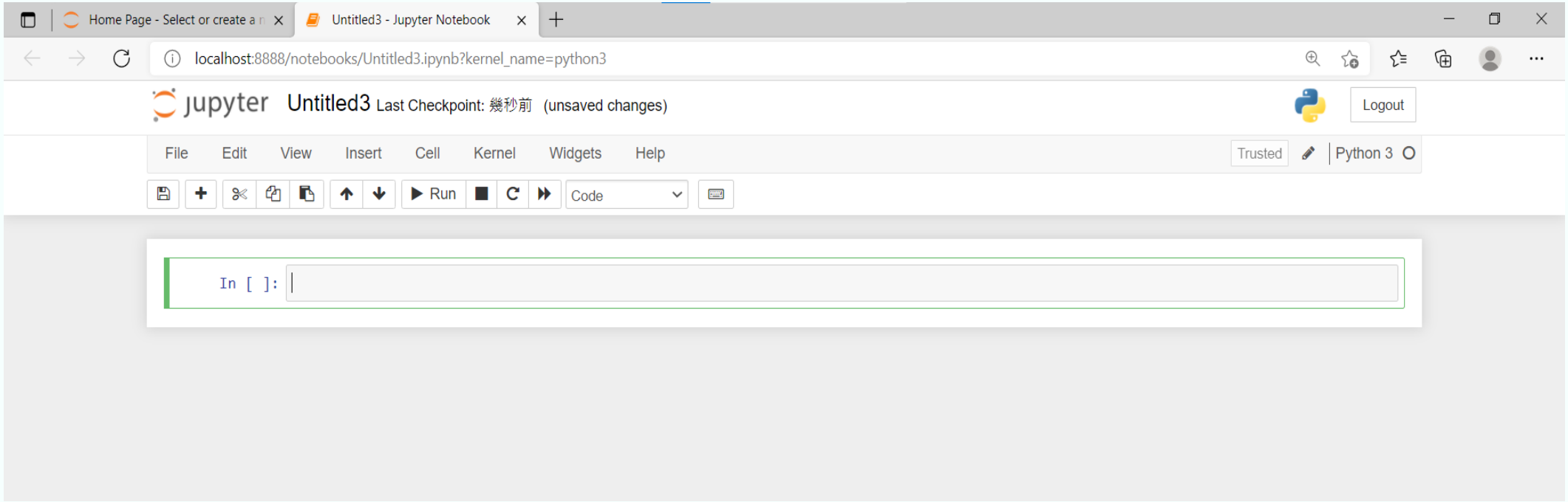
Step 5

設定 Jupyter Notebook

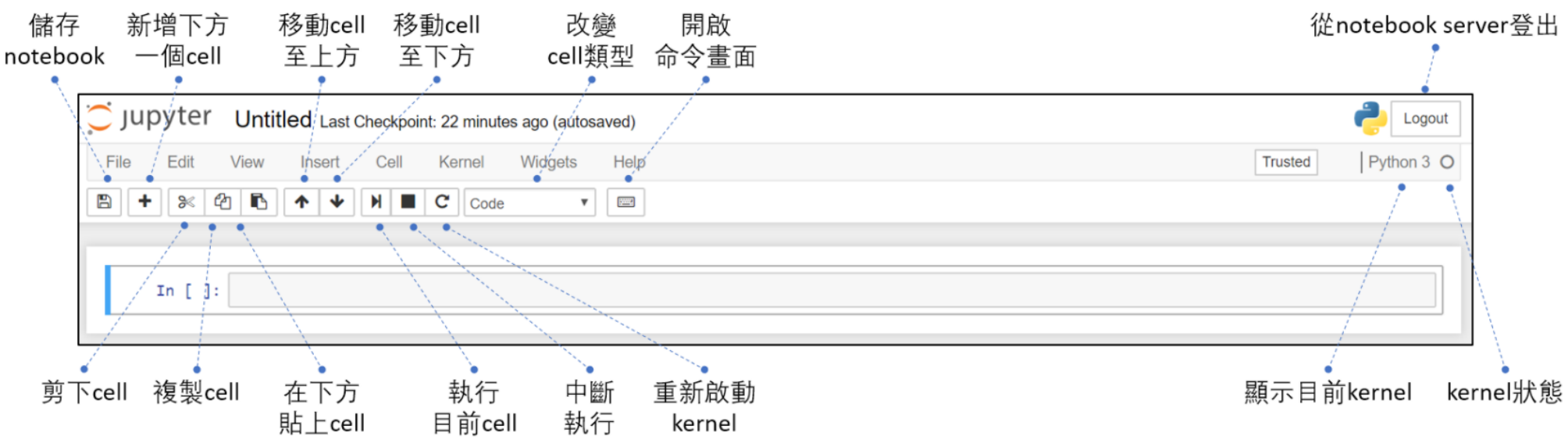
Step 5


Home Page - Select or create a
localhost:8888/tree
jupyter
Quit
Logout
Files
Running
Clusters
Select items to perform actions on them.
Upload
New
Notebook:
Python 3
Other:
Text File
Folder
Terminal
0
/
3D Objects
anaconda3
AndroidStudioProjects
Contacts
Desktop
幾秒前
Documents
2 個月前
Downloads
1 小時前
Favorites
6 個月前

Step 5


Home Page - Select or create a
Untitled3 - Jupyter Notebook
localhost:8888/notebooks/Untitled3.ipynb?kernel_name=python3
jupyter
Untitled3
Last Checkpoint: 幾秒前
(unsaved changes)
Logout
File
Edit
View
Insert
Cell
Kernel
Widgets
Help
Trusted
Python 3
Run
Code
In [ ]:

Step 5


儲存 notebook
新增下方 一個cell
移動cell 至上方
移動cell 至下方
改變 cell類型
開啟 命令畫面
從notebook server登出
jupyter
Untitled
Last Checkpoint: 22 minutes ago (autosaved)
Logout
File
Edit
View
Insert
Cell
Kernel
Widgets
Help
Trusted
Python 3
Code
In [ ]:
剪下cell
複製cell
在下方 貼上cell
執行 目前cell
中斷 執行
重新啟動 kernel
顯示目前kernel
kernel狀態

謝謝聆聽