

START ANACONDA ... AND LAUNCH JUPYTERLAB (or JUPYTER)

⌵ Home

Environments

Learning

Community

ANACONDA.NAVIGATOR

Update Now


Connect

All applications

on

base (root)


Channels



PyCharm Professional

The Python IDE for data science. It combines the interactivity of Jupyter notebooks with intelligent Python coding assistance, Anaconda support, and scientific libraries.


Install



Anaconda AI Navigator

Access various large language models (LLMs) curated by Anaconda, and start leveraging secure local AI today.

Install




Anaconda Toolbox

4.0.15

Anaconda Assistant

JupyterLab supercharged with a suite of Anaconda extensions, starting with the Anaconda Assistant AI chatbot.


Launch



Anaconda Cloud Notebooks

Cloud-hosted notebook service from Anaconda. Launch a preconfigured environment with hundreds of packages and store project files with persistent cloud storage.

Launch




JupyterLab

4.2.5

An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.

Launch



Jupyter Notebook

7.0.8

Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.

Launch

CREATE A NEW NOTEBOOK

The screenshot displays the JupyterLab web interface in a browser window at `localhost:8984/lab?`. The interface is divided into several panels:

- Left Panel (File Browser):** Contains a search bar labeled "Filter files by name" and a list of files and folders. A red box highlights the "+" icon in the top toolbar, and a red arrow points to it from the right.
- Right Panel (Launcher):** Displays options to create a new resource. A red box highlights the "Python 3 (ipykernel)" notebook icon, and a red arrow points to it from the right.
- Bottom Panel:** Shows a row of icons for different environments, including a terminal (\$_), a list view, a memory icon (M), and the Python 3 (ipykernel) icon.

The top of the browser shows multiple open tabs, including "A Crash Course", "PSF Photon", "DAOStarFir", "Readout Nc", "MoffatPSF", "python - In", "MatplotlibD", "Interactive", "Custom templ", "gaussian cl", and "Jupyterl X". The bottom status bar shows "Simple" mode, a terminal icon, and the text "Launcher 0".

Close or open the list of directories on the left side

The screenshot shows the JupyterLab interface. On the left is the file browser, and on the right is the code editor for 'Untitled1.ipynb'. A red box highlights the file browser icon in the top-left corner. A red arrow points from the 'Settings' menu in the top navigation bar to the file browser icon.

File Browser Table:

Name	Modified	File Size
Movies	last year	
Music	last year	
PAPERS	4 days ago	
Pictures	21 days ago	
PROJECTS	8 months ago	
PROPOSAL	6 months ago	
psfex-master	last year	
Public	last year	
REFEREE	20 days ago	
softw	5 months ago	
TALKS	3 months ago	
TERZA_MISSIONE	3 days ago	
MonteCarlo.ipynb	3 months ago	16.3 KB
Untitled.ipynb	4 days ago	14.6 KB
Untitled1.ipynb	20 seconds ago	72 B

Code Editor: The code editor shows a single line of code: `[]:` followed by a cursor.

Bottom Status Bar: The status bar indicates the current mode is 'Simple', the file is 'Untitled1.ipynb', and the kernel is 'Python 3 (ipykernel) | Idle'.

A Jupyter notebook includes a series of cells that are executed individually and in sequence.

Create and delete a box

The screenshot shows the Jupyter Notebook interface with several annotations:

- Create and delete a box:** A red box highlights the '+' (add) and 'x' (delete) icons in the top-left toolbar.
- Run a box:** A red box highlights the 'Run' button (a square with a play icon) in the top-left toolbar.
- Change the order of the box:** A red box highlights the 'Move Up' and 'Move Down' arrows in the top-right toolbar.

The interface includes a browser window at the top showing the URL `localhost:8984/lab/tree/Untitled1.ipynb?` and a menu bar with File, Edit, View, Run, Kernel, Tabs, Settings, and Help. The main area shows a single code cell with a prompt `[]:` and a cursor. The bottom status bar indicates 'Simple' mode, '0' lines, '12' columns, 'Python 3 (ipykernel) | Idle', 'Mode: Edit', and 'Ln 1, Col 1'.

A Crash CoursePSF PhotonDAOStarFinReadout NoMoffatPSFpython - IntMatplotlibInteractiveCustom templatgaussian cuUntitled1 X

localhost:8984/lab/tree/Untitled1.ipynb120%★

FileEditViewRunKernelTabsSettingsHelp

Untitled1.ipynb+

Code

ShareOpen in...Python 3 (ipykernel)

```
[ ]: # IMPORT PACKAGE
import numpy as np
import matplotlib.pyplot as plt

[ ]: x = np.arange(10)
y = x**2
print(x,y)

[ ]: plt.figure(figsize=(3,3))
plt.plot(x,y)
plt.show()
```

Simple0\$12Python 3 (ipykernel) | IdleMode: EditLn 1, Col 26Untitled1.ipynb0

In the previous example we run in sequence the three boxes.

If we change the second box, we need to run again the second and the third boxes in order to enable the changes.

If we import a new package in the first box, we need to run this box in order to enable the change and then run again the other boxes.