

Jupyter Notebook

Open command prompt → type → `python -m pip install jupyter`

```
Select Command Prompt - python -m pip install jupyter

Microsoft Windows [Version 10.0.22000.675]
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C:\Users\manju>python -m pip install jupyter
Collecting jupyter
  Downloading jupyter-1.0.0-py2.py3-none-any.whl (2.7 kB)
Collecting qtconsole
  Downloading qtconsole-5.3.1-py3-none-any.whl (120 kB)
----- 120.8/120.8 KB 3.6 MB/s eta 0:00:00
```

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Collecting qtconsole
  Downloading qtconsole-5.3.1-py3-none-any.whl (120 kB)
----- 120.8/120.8 KB 3.6 MB/s eta 0:00:00
Collecting jupyter-console
  Downloading jupyter_console-6.4.4-py3-none-any.whl (22 kB)
Collecting notebook
  Downloading notebook-6.4.12-py3-none-any.whl (9.9 MB)
----- 9.9/9.9 MB 4.2 MB/s eta 0:00:00
Collecting nbconvert
  Downloading nbconvert-6.5.0-py3-none-any.whl (561 kB)
----- 561.6/561.6 KB 5.1 MB/s eta 0:00:00
Collecting ipywidgets
  Downloading ipywidgets-7.7.1-py2.py3-none-any.whl (123 kB)
----- 123.4/123.4 KB 2.4 MB/s eta 0:00:00
Collecting ipykernel
  Downloading ipykernel-6.15.0-py3-none-any.whl (133 kB)
----- 133.1/133.1 KB 4.0 MB/s eta 0:00:00
Collecting debugpy>=1.0
  Downloading debugpy-1.6.0-cp310-cp310-win_amd64.whl (4.3 MB)
----- 4.3/4.3 MB 5.1 MB/s eta 0:00:00
Collecting psutil
  Downloading psutil-5.9.1-cp310-cp310-win_amd64.whl (245 kB)
----- 245.8/245.8 KB 5.0 MB/s eta 0:00:00
Collecting jupyter-client>=6.1.12
```

After the installing the jupyter , type → Jupyter notebook and click on Enter

```
Command Prompt
----- 118.7/118.7 KB 6.8 MB/s eta 0:00:00
Installing collected packages: webencodings, wcwidth, Send2Trash, pywin32, pure-eval, pickleshare, mistune, ipython-genu
tils, fastjsonschema, executing, backcall, traitlets, tornado, tinycss2, soupsieve, six, pyzmq, pywinpty, pyrsistent, py
parsing, pygments, pycparser, psutil, prompt-toolkit, prometheus-client, parso, pandocfilters, nest-asyncio, MarkupSafe,
jupyterlab-widgets, jupyterlab-pygments, entrypoints, defusedxml, decorator, debugpy, colorama, attrs, terminado, pytho
n-dateutil, packaging, matplotlib-inline, jupyter-core, jsonschema, jinja2, jedi, cffi, bleach, beautifulsoup4, asttoken
s, stack-data, qtpy, nbformat, jupyter-client, argon2-cffi-bindings, nbclient, ipython, argon2-cffi, nbconvert, ipykerne
l, qtconsole, notebook, jupyter-console, widgetsnbextension, ipywidgets, jupyter
Successfully installed MarkupSafe-2.1.1 Send2Trash-1.8.0 argon2-cffi-21.3.0 argon2-cffi-bindings-21.2.0 asttokens-2.0.5
attrs-21.4.0 backcall-0.2.0 beautifulsoup4-4.11.1 bleach-5.0.1 cffi-1.15.1 colorama-0.4.5 debugpy-1.6.0 decorator-5.1.1
defusedxml-0.7.1 entrypoints-0.4 executing-0.8.3 fastjsonschema-2.15.3 ipykernel-6.15.0 ipython-8.4.0 ipython-genutils-0
.2.0 ipywidgets-7.7.1 jedi-0.18.1 jinja2-3.1.2 jsonschema-4.6.1 jupyter-1.0.0 jupyter-client-7.3.4 jupyter-console-6.4.4
jupyter-core-4.10.0 jupyterlab-pygments-0.2.2 jupyterlab-widgets-1.1.1 matplotlib-inline-0.1.3 mistune-0.8.4 nbclient-0
.6.6 nbconvert-6.5.0 nbformat-5.4.0 nest-asyncio-1.5.5 notebook-6.4.12 packaging-21.3 pandocfilters-1.5.0 parso-0.8.3 pi
ckleshare-0.7.5 prometheus-client-0.14.1 prompt-toolkit-3.0.30 psutil-5.9.1 pure-eval-0.2.2 pycparser-2.21 pygments-2.12
.0 pyparsing-3.0.9 pyrsistent-0.18.1 python-dateutil-2.8.2 pywin32-304 pywinpty-2.0.5 pyzmq-23.2.0 qtconsole-5.3.1 qtpy-
2.1.0 six-1.16.0 soupsieve-2.3.2.post1 stack-data-0.3.0 terminado-0.15.0 tinycss2-1.1.1 tornado-6.2 traitlets-5.3.0 wci
dth-0.2.5 webencodings-0.5.1 widgetsnbextension-3.6.1
WARNING: You are using pip version 22.0.4; however, version 22.1.2 is available.
You should consider upgrading via the 'C:\Users\manju\AppData\Local\Programs\Python\Python310\python.exe -m pip install
--upgrade pip' command.

C:\Users\manju>jupyter notebook_
```

It will open default browser → jupyter notebook is web based open source.

Home Page - Select or create a n x

localhost:8888/tree

Quit

Logout

Files

Running

Clusters

Select items to perform actions on them.

Upload

New

<input type="checkbox"/> 0		Name	Last Modified	File size
<input type="checkbox"/>	📁	Contacts	2 months ago	
<input type="checkbox"/>	📁	Documents	2 months ago	
<input type="checkbox"/>	📁	Downloads	6 minutes ago	
<input type="checkbox"/>	📁	Favorites	2 months ago	
<input type="checkbox"/>	📁	Links	2 months ago	
<input type="checkbox"/>	📁	Music	2 months ago	
<input type="checkbox"/>	📁	OneDrive	2 hours ago	
<input type="checkbox"/>	📁	Saved Games	2 months ago	
<input type="checkbox"/>	📁	Searches	a month ago	
<input type="checkbox"/>	📁	Videos	6 hours ago	
<input type="checkbox"/>	📄	Test.py	29 minutes ago	20 B

Click on New and select “Python 3”



Quit

Logout

Files

Running

Clusters

Select items to perform actions on them.

Upload

New ▾



Name ▾

Notebook:

Python 3 (ipykernel)

Other:

Text File

Folder

Terminal

☐ 0 ▾ /

☐ Contacts

☐ Documents

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☐ Favorites

☐ Links


☐ Music

2 months ago

2 months ago

Type `print("Hello World")` and Click on RUN.

localhost:8888/notebooks/Untitled.ipynb?kernel_name=python3

jupyter Untitled Last Checkpoint: a minute ago (unsaved changes)  Logout

File Edit View Insert Cell Kernel Widgets Help Trusted Python 3 (ipykernel)

Save Add Split Cell Up Down **Run** Stop Restart Previous Code

```
In [1]: print("Hello World")
Hello World
```

```
In [ ]:
```