



Upgrading PIP

```
Terminal Local + -
Windows PowerShell
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(base) PS C:\310423285040> pip install --upgrade pip
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: pip in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (25.0.1)
(base) PS C:\310423285040>
```

Installing scipy,numpy,pandas

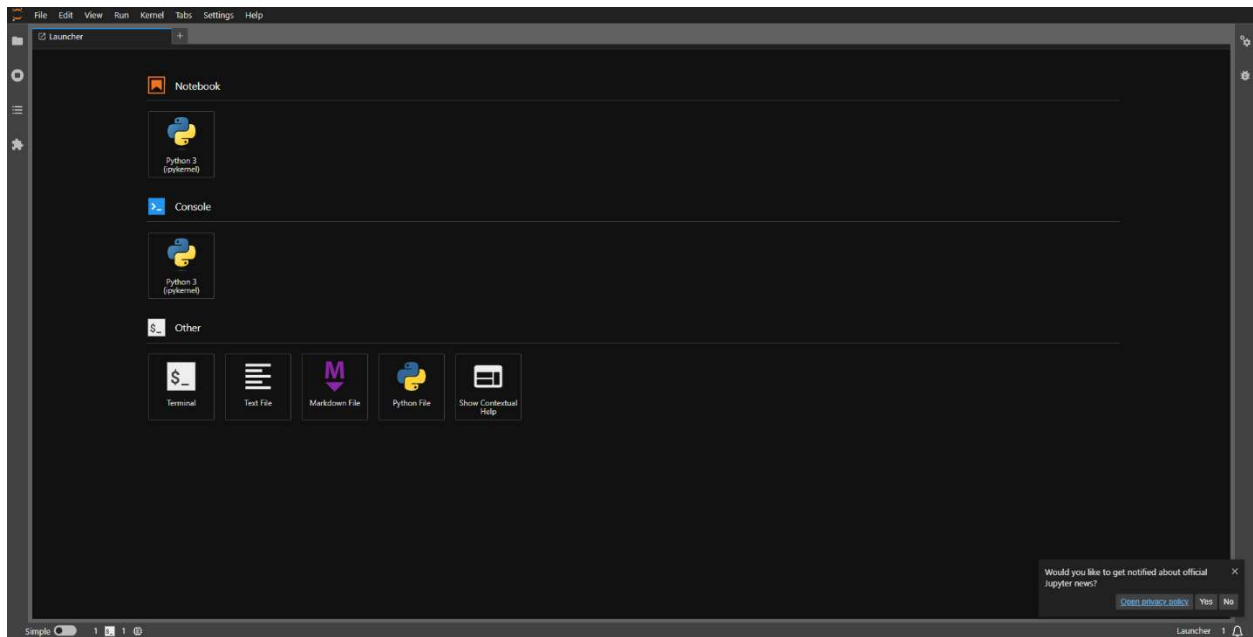
```
(base) PS C:\310423285040> pip install numpy scipy pandas
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: numpy in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (2.2.1)
Requirement already satisfied: scipy in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (1.14.1)
Requirement already satisfied: pandas in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (2.2.3)
Requirement already satisfied: python-dateutil>=2.8.2 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from pandas) (2.9.0.post0)
Requirement already satisfied: pytz>=2020.1 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from pandas) (2024.2)
Requirement already satisfied: tzdata>=2022.7 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from pandas) (2024.2)
Requirement already satisfied: six>=1.5 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from python-dateutil>=2.8.2->pandas) (1.17.0)
(base) PS C:\310423285040>
```

Installing Jupyter Lab

```
(base) PS C:\310423285040> pip install jupyterlab
Requirement already satisfied: jupyterlab in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (4.3.4)
Requirement already satisfied: async-lru>=1.0.0 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (0.8.4)
Requirement already satisfied: httpx>=0.25.0 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (0.28.1)
Requirement already satisfied: jinja2>=3.0.3 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (3.1.5)
Requirement already satisfied: jupyter-core in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (5.7.2)
Requirement already satisfied: jupyter-lsp>=2.0.0 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (2.2.5)
Requirement already satisfied: jupyter-server>=2.4.0 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (2.15.0)
Requirement already satisfied: jupyterlab-server>=3.0.2 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (2.27.3)
Requirement already satisfied: notebook-shim>=0.2 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (0.2.4)
Requirement already satisfied: packaging in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (24.2)
Requirement already satisfied: setuptools>=40.8.0 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (75.6.0)
Requirement already satisfied: tornado>=6.2.0 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (6.4.2)
Requirement already satisfied: traitlets in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyterlab) (5.14.3)
Requirement already satisfied: anyio in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13.qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from httpx>=0.25.0->jupyterlab) (4.7.0)
```

Opening Jupyter Lab

```
(base) PS C:\310623205040> jupyter lab
[I 2025-03-29 19:49:55.758 ServerApp] jupyter_lsp | extension was successfully linked.
[I 2025-03-29 19:49:55.763 ServerApp] jupyter_server_terminals | extension was successfully linked.
[I 2025-03-29 19:49:55.769 ServerApp] jupyterlab | extension was successfully linked.
[I 2025-03-29 19:49:55.775 ServerApp] notebook | extension was successfully linked.
[I 2025-03-29 19:49:56.203 ServerApp] notebook_shim | extension was successfully linked.
[I 2025-03-29 19:49:56.252 ServerApp] notebook_shim | extension was successfully loaded.
[I 2025-03-29 19:49:56.255 ServerApp] jupyter_lsp | extension was successfully loaded.
[I 2025-03-29 19:49:56.256 ServerApp] jupyter_server_terminals | extension was successfully loaded.
[I 2025-03-29 19:49:56.262 LabApp] JupyterLab extension loaded from C:\Users\stild\miniconda3\Lib\site-packages\jupyterlab
[I 2025-03-29 19:49:56.263 LabApp] JupyterLab application directory is C:\Users\stild\miniconda3\share\jupyter\lab
```



Installing Jupyter Notebook

```
PS C:\310623205040> pip install notebook
Defaulting to user installation because normal site-packages is not writeable
Collecting notebook
  Using cached notebook-7.3.3-py3-none-any.whl.metadata (10 kB)
Requirement already satisfied: jupyter-server<3,>=2.4.0 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13_qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from notebook) (2.15.0)
Requirement already satisfied: jupyterlab-server<3,>=2.27.1 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13_qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from notebook) (2.27.3)
Collecting jupyterlab<4.4,>=4.3.6 (from notebook)
  Using cached jupyterlab-4.3.6-py3-none-any.whl.metadata (16 kB)
Requirement already satisfied: notebook-shim<0.3,>=0.2 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13_qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from notebook) (0.2.4)
Requirement already satisfied: tornado<6.7.0 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13_qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from notebook) (6.4.2)
Requirement already satisfied: anyio<3.1.0 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13_qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyter-server<3,>=2.4.0->notebook) (4.7.0)
Requirement already satisfied: argon2-cffi<=21.1 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13_qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyter-server<3,>=2.4.0->notebook) (23.1.0)
Requirement already satisfied: Jinja2<=3.0.3 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13_qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyter-server<3,>=2.4.0->notebook) (3.1.5)
Requirement already satisfied: jupyter-client<=7.4.4 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13_qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyter-server<3,>=2.4.0->notebook) (8.6.3)
Requirement already satisfied: jupyter-console<6.0,*>=4.12.0 in c:\users\stild\appdata\local\packages\pythonsoftwarefoundation.python.3.13_qbz5n2kfra8p0\localcache\local-packages\python313\site-packages (from jupyter-server<3,>=2.4.0->notebook) (5.7.2)
```

Opening Notebook

[illegible]

jupyter

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<input type="checkbox"/>	 sample.ipynb	6 minutes ago	1.5 KB
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<input type="checkbox"/>	 README.md	6 minutes ago	0 B
<input type="checkbox"/>	 requirements.txt	6 minutes ago	0 B