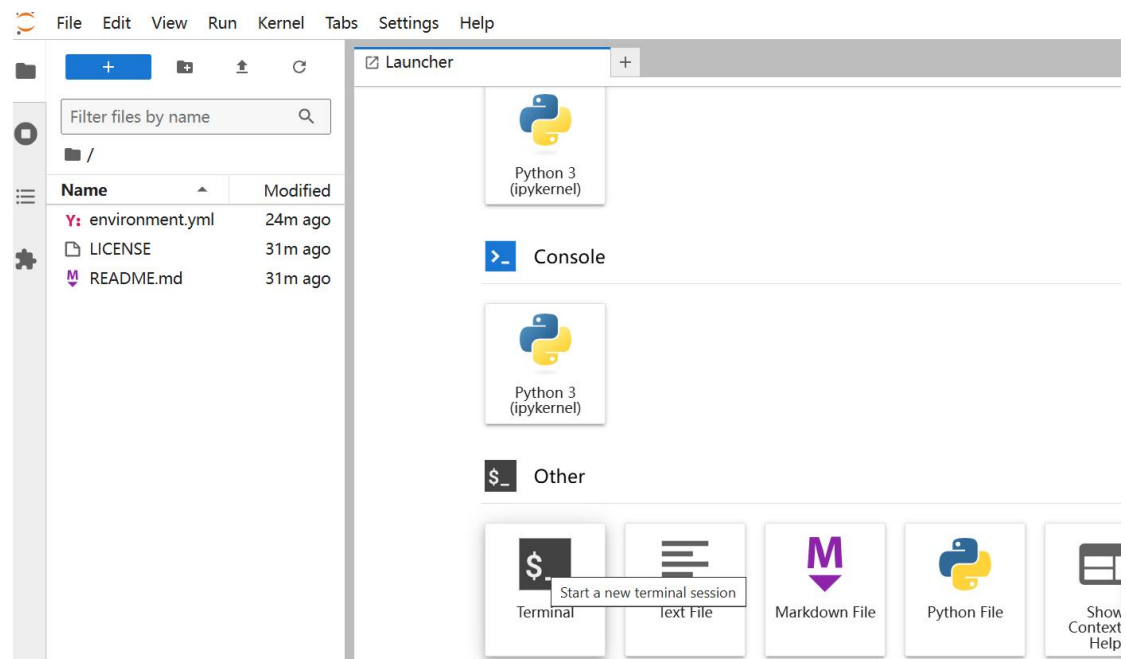






数据可视化与交互

```
Administrator@DESKTOP-75CI4VE MINGW64 ~/Repo/week07/ (main)
$ jupyter lab
[I 2025-04-23 14:17:06.650 ServerApp] jupyter_lsp | extension was successfully l
linked.
[I 2025-04-23 14:17:06.657 ServerApp] jupyter_server_terminals | extension was s
uccessfully linked.
[I 2025-04-23 14:17:06.663 ServerApp] jupyterlab | extension was successfully li
nked.
[I 2025-04-23 14:17:06.670 ServerApp] notebook | extension was successfully link
ed.
[I 2025-04-23 14:17:06.675 ServerApp] Writing Jupyter server cookie secret to C:
\Users\Administrator\AppData\Roaming\jupyter\runtime\jupyter_cookie_secret
[I 2025-04-23 14:17:07.182 ServerApp] notebook_shim | extension was successfully
linked.
[I 2025-04-23 14:17:07.183 ServerApp] panel.io.jupyter_server_extension | extens
ion was successfully linked.
[I 2025-04-23 14:17:07.230 ServerApp] notebook_shim | extension was successfully
loaded.
[I 2025-04-23 14:17:07.234 ServerApp] jupyter_lsp | extension was successfully l
oaded.
[I 2025-04-23 14:17:07.236 ServerApp] jupyter_server_terminals | extension was s
uccessfully loaded.
[I 2025-04-23 14:17:07.242 LabApp] JupyterLab extension loaded from D:\1\Lib\sit
e-packages\jupyterlab
```









File Edit View Run Kernel Tabs Settings Help









+   

Filter files by name 

/

Name	Modified
 environment.yml	28m ago
 LICENSE	34m ago
 README.md	34m ago
 trial-jupyterlab.i...	now


trial-jupyterlab.ipynb  + 







 +       Code 

[]:

[1]:

```
x = 5
x = "a" * x
print(x)
```

aaaaa 

[]:      

Click to add a cell.

```
[3]: x = 5
x = "a" * x
print(x)
x = 9
x*3
```

aaaaa

[3]: 27

```
[4]: a = [4, 3, 2]
a
```

[4]: [4, 3, 2]

```
[5]: a.pop()
```

[5]: 2

```
[7]: a.append(7)
a
```

[7]: [4, 3, 7, 7]

```
while True:
    print('hello')
    time.sleep(3)
```

```
hello
hello
hello
hello
hello
hello
hello
hello
hello
hello
hello
hello
hello
hello
hello
hello
hello
```

```
-----
KeyboardInterrupt                                Traceback (most recent call last)
Cell In[8], line 4
      2 while True:
      3     print('hello')
----> 4     time.sleep(3)

KeyboardInterrupt:
```

Markdown 模式和 python 模式的区别是看前面有没有方括号,python 前有方括号。

一级标题

这是一段普通的段落文本。可以在这里表达一些想法或说明。

二级标题

三级标题

这里展示不同级别的标题，标题的级别可以帮助组织文档的结构。

无序列表

- 列表项 1
- 列表项 2
 - 子列表项 1
 - 子列表项 2

有序列表

1. 第一项
2. 第二项