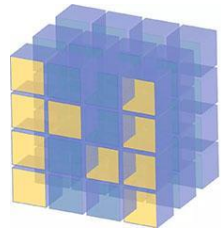




开发环境设置

- PyTorch, TensorFlow, NumPy, Jupyter, & VS Code...

Python Packages



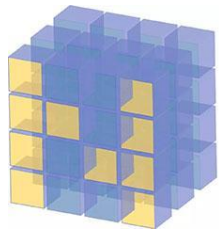
NumPy

PYTORCH





环境安装 (pip install)



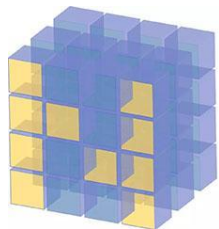
NumPy

PYTORCH





(pip install) 镜像加速



NumPy

PYTORCH

-i <https://pypi.tuna.tsinghua.edu.cn/simple>

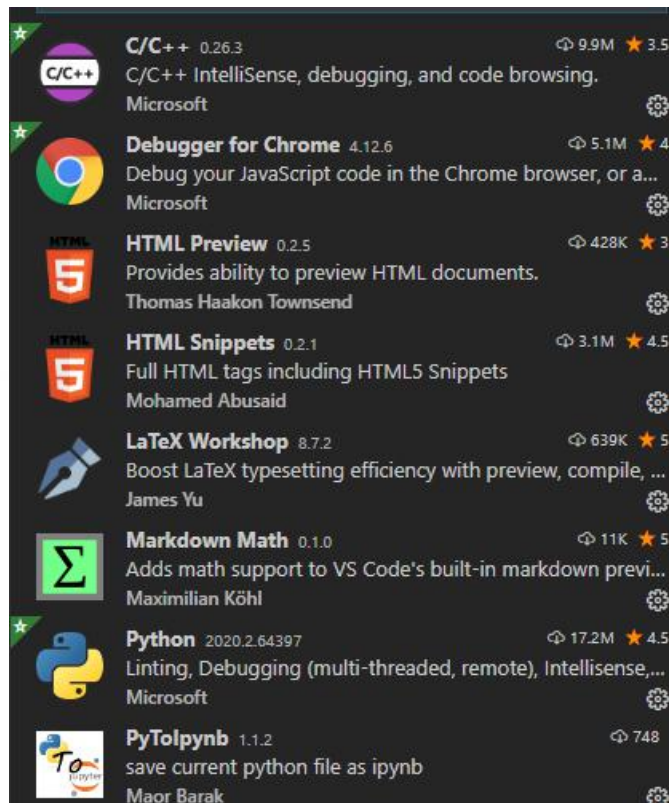




开发环境 VS Code



VS Code 插件





pytorch-tut.ipynb* ×



Jupyter Server: local Python 3.7.6 64-bit: Idle

```
[1] ▶ M4
import this

The Zen of Python, by Tim Peters

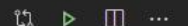
Beautiful is better than ugly.
Explicit is better than implicit.
Simple is better than complex.
Complex is better than complicated.
Flat is better than nested.
Sparse is better than dense.
Readability counts.
Special cases aren't special enough to break the rules.
Although practicality beats purity.
Errors should never pass silently.
Unless explicitly silenced.
In the face of ambiguity, refuse the temptation to guess.
There should be one-- and preferably only one --obvious way to do it.
Although that way may not be obvious at first unless you're Dutch.
Now is better than never.
Although never is often better than *right* now.
If the implementation is hard to explain, it's a bad idea.
If the implementation is easy to explain, it may be a good idea.
Namespaces are one honking great idea -- let's do more of those!
```

```
[3] ▶ M4
import torch
print(torch.__version__)
```

1.4.0

```
[4] ▶ M4
# Construct a 5x3 matrix, uninitialized
x = torch.empty(5, 3)

# Construct a randomly initialized matrix
x = torch.rand(5, 3)
```



```
ptvsd\launcher f:\class-20\web\pytorch-tutorial\tutorials\01-basics\pytorch basics\main.py "
```

