

python环境配置

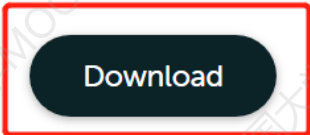
- 安装过程：
- anaconda——开源的Python发行版
- pycharm——Python IDE
- psycopg2——Python的PostgreSQL数据库接口

I. anaconda安装

- 官网下载（注意选择自己对应的版本）
- <https://www.anaconda.com/download/>
- 下载后点击安装

Your data science toolkit

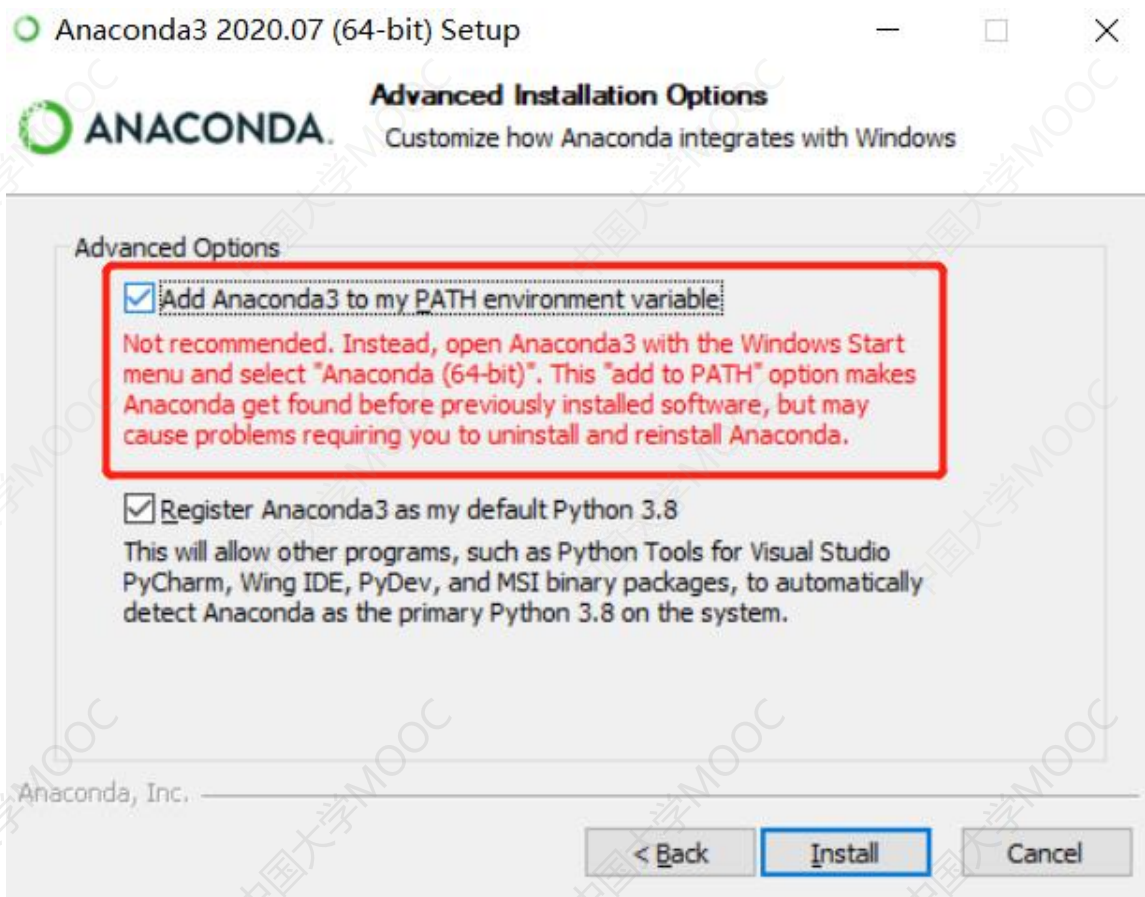
With over 20 million users worldwide, the open-source Individual Edition (Distribution) is the easiest way to perform Python/R data science and machine learning on a single machine. Developed for solo practitioners, it is the toolkit that equips you to work with thousands of open-source packages and libraries.



Download

I. anaconda安装

- 安装时注意勾选添加路径
- 若忘记勾选可卸载后重装



I. anaconda安装

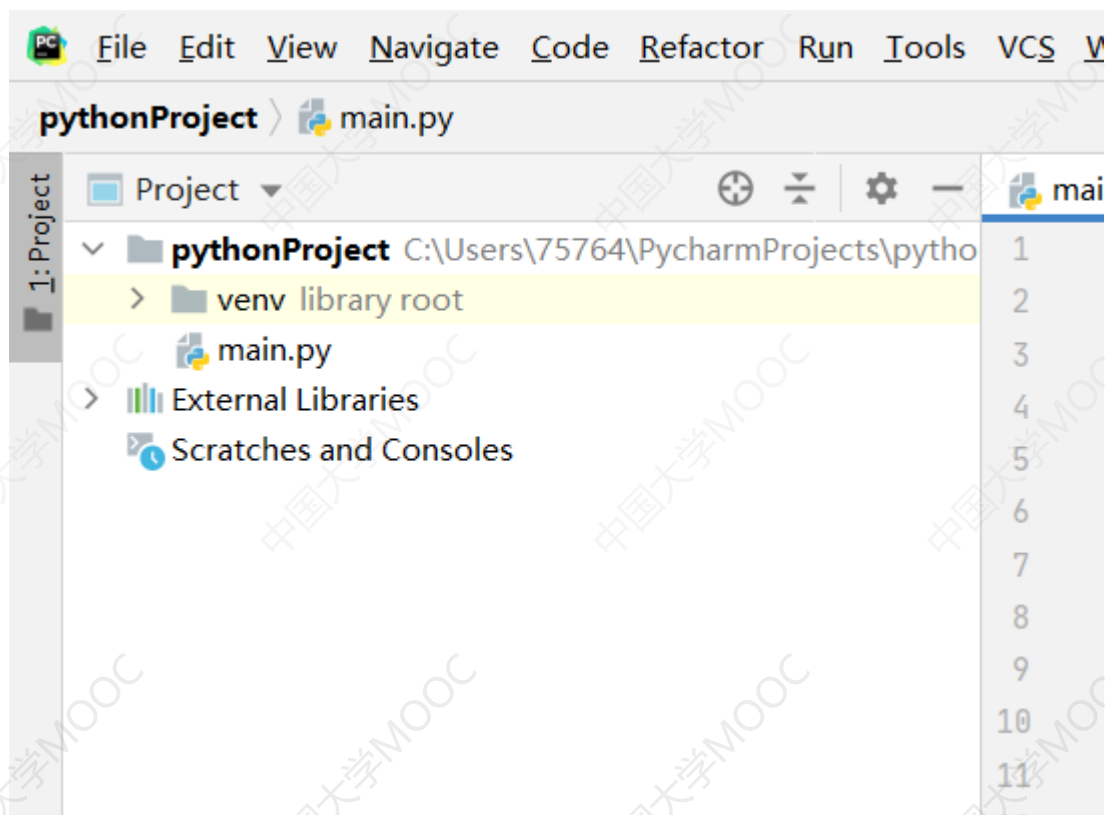
- 安装完成后，在cmd输入python出现如下内容即安装成功。

```
命令提示符 - python
Microsoft Windows [版本 10.0.19041.572]
(c) 2020 Microsoft Corporation. 保留所有权利。

C:\Users\75764>python
Python 3.8.3 (default, Jul 2 2020, 17:30:36) [MSC v.1916 64 bit (AMD64)] :: Anaconda, Inc. on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

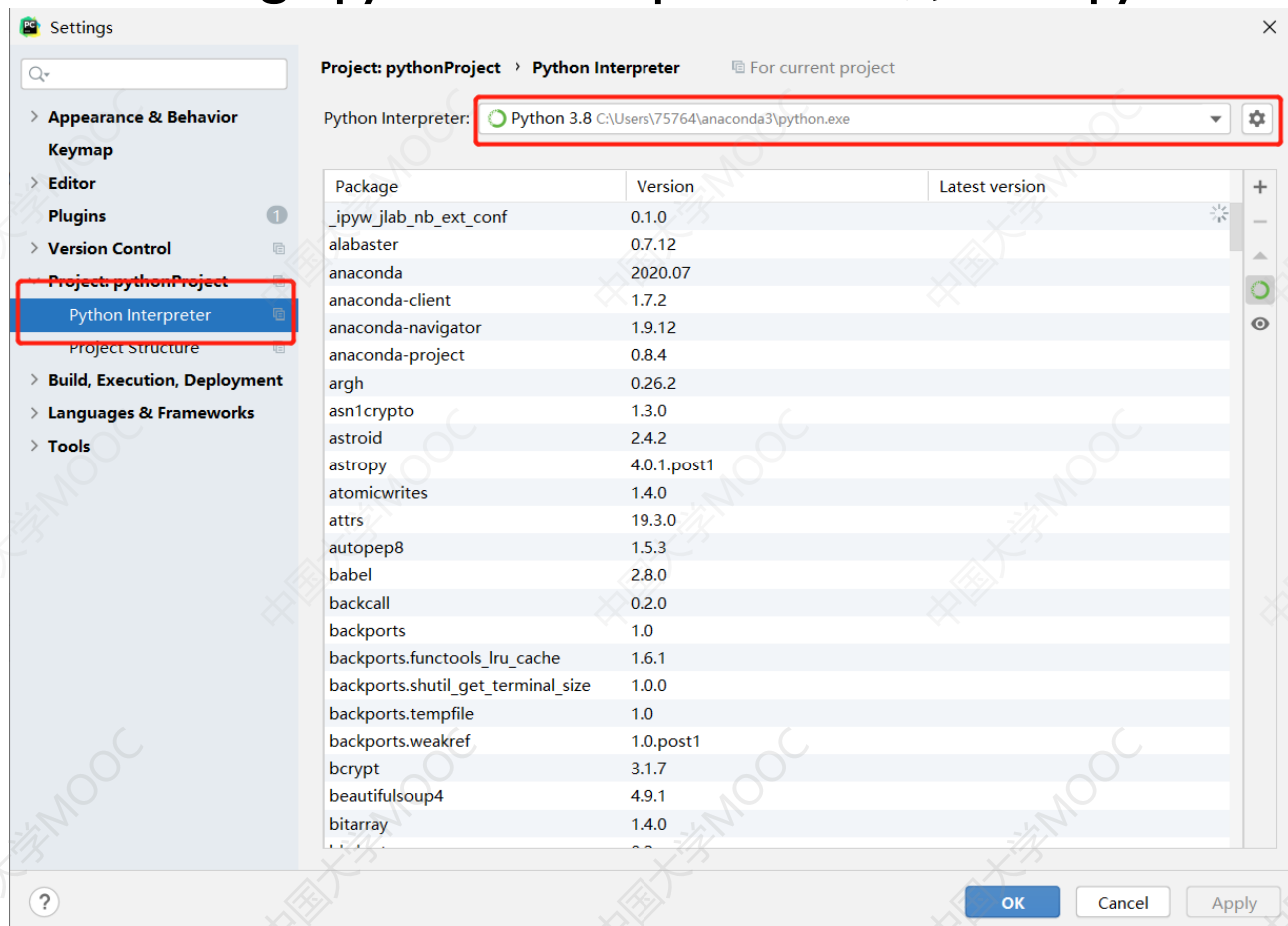
2. pycharm的安装

- 官网下载pycharm（注意选择自己对应的版本）
 - 安装



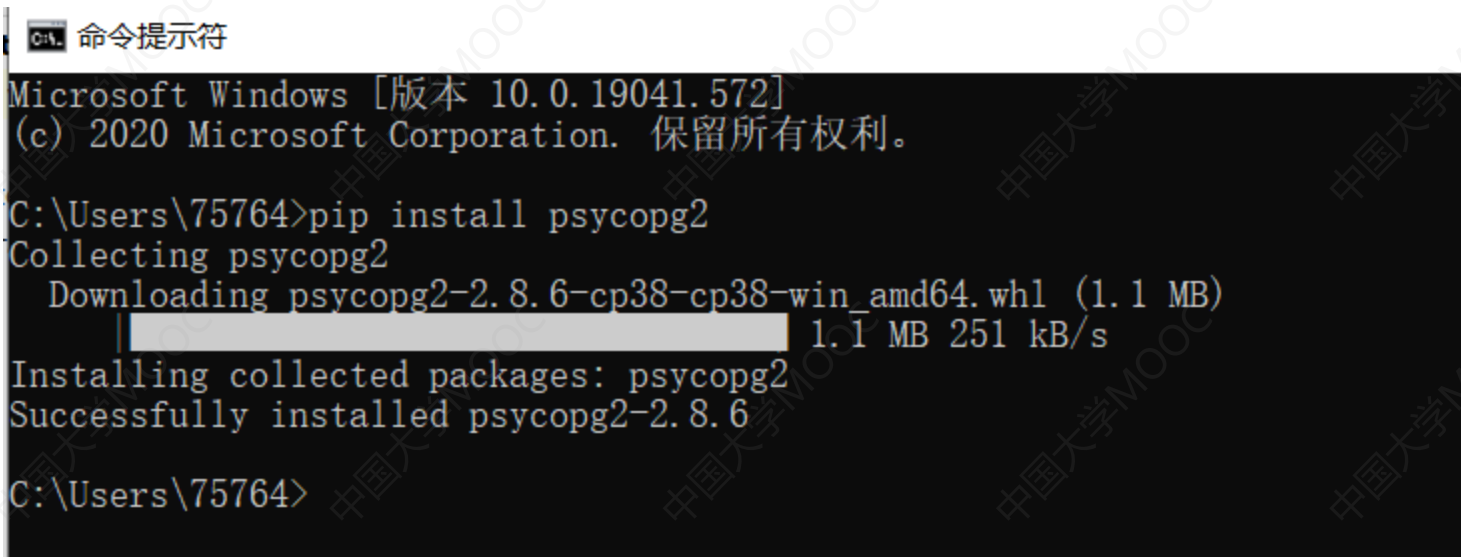
2. pycharm的安装

- Pycharm下载好后需要与python进行绑定
- File-settings-python interpreter-选择对应python



3. psycopg2的安装

- 打开cmd,输入: `pip install psycopg2`
- 出现以下结果则已安装完成



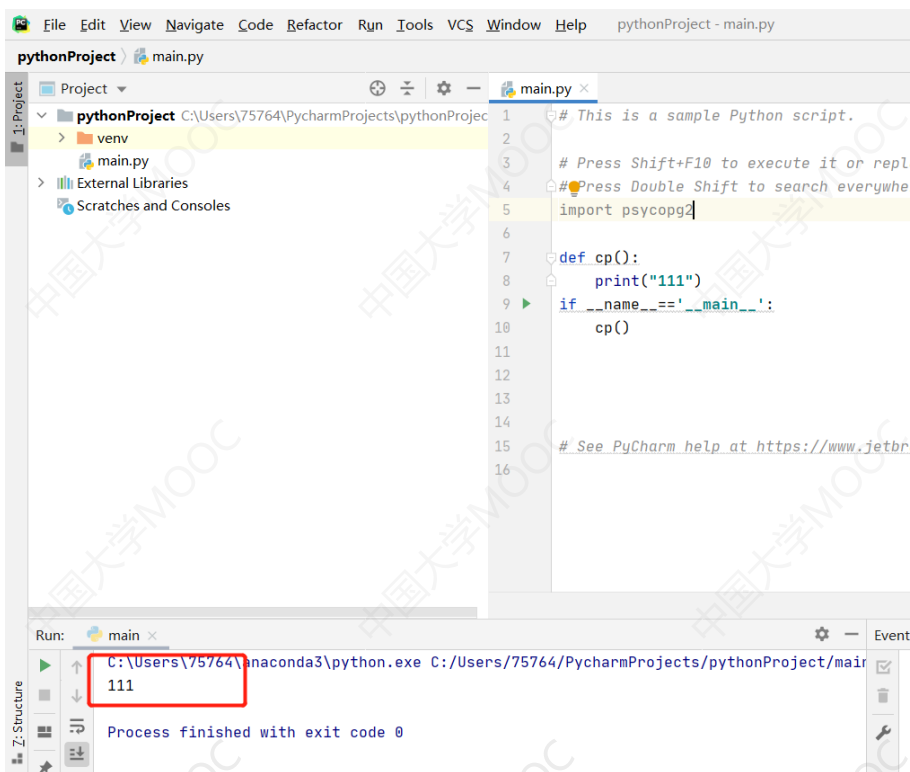
```
命令提示符
Microsoft Windows [版本 10.0.19041.572]
(c) 2020 Microsoft Corporation. 保留所有权利。

C:\Users\75764>pip install psycopg2
Collecting psycopg2
  Downloading psycopg2-2.8.6-cp38-cp38-win_amd64.whl (1.1 MB)
    |████████████████████████████████████████| 1.1 MB 251 kB/s
Installing collected packages: psycopg2
Successfully installed psycopg2-2.8.6

C:\Users\75764>
```


3. pycopg2的安装

- 检查是否安装成功pycopg2
- `import pycopg2`
- `def cp():`
- `print("111")`
- `if __name__ == '__main__':`
- `cp()`
- 出现111
- 则安装成功!



```
File Edit View Navigate Code Refactor Run Tools VCS Window Help pythonProject - main.py
pythonProject main.py
Project
  pythonProject C:\Users\75764\PycharmProjects\pythonProject
    > venv
    > main.py
    > External Libraries
    > Scratches and Consoles
main.py
1 # This is a sample Python script.
2
3
4 # Press Shift+F10 to execute it or repl
5 import pycopg2
6
7 def cp():
8     print("111")
9 if __name__ == '__main__':
10     cp()
11
12
13
14
15 # See PyCharm help at https://www.jetbrains.com/pycharm/
16

Run: main
C:\Users\75764\anaconda3\python.exe C:\Users\75764\PycharmProjects\pythonProject\main.py
111
Process finished with exit code 0
```