

# 1. 下载Anaconda

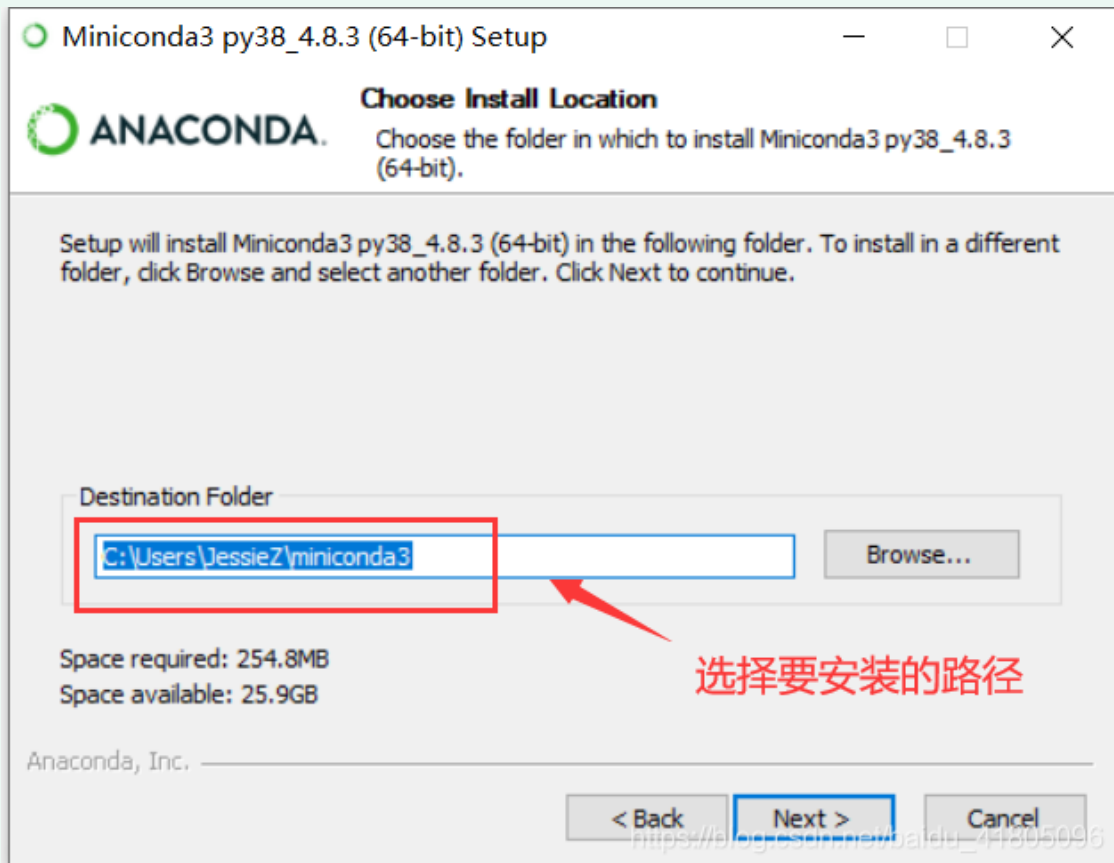
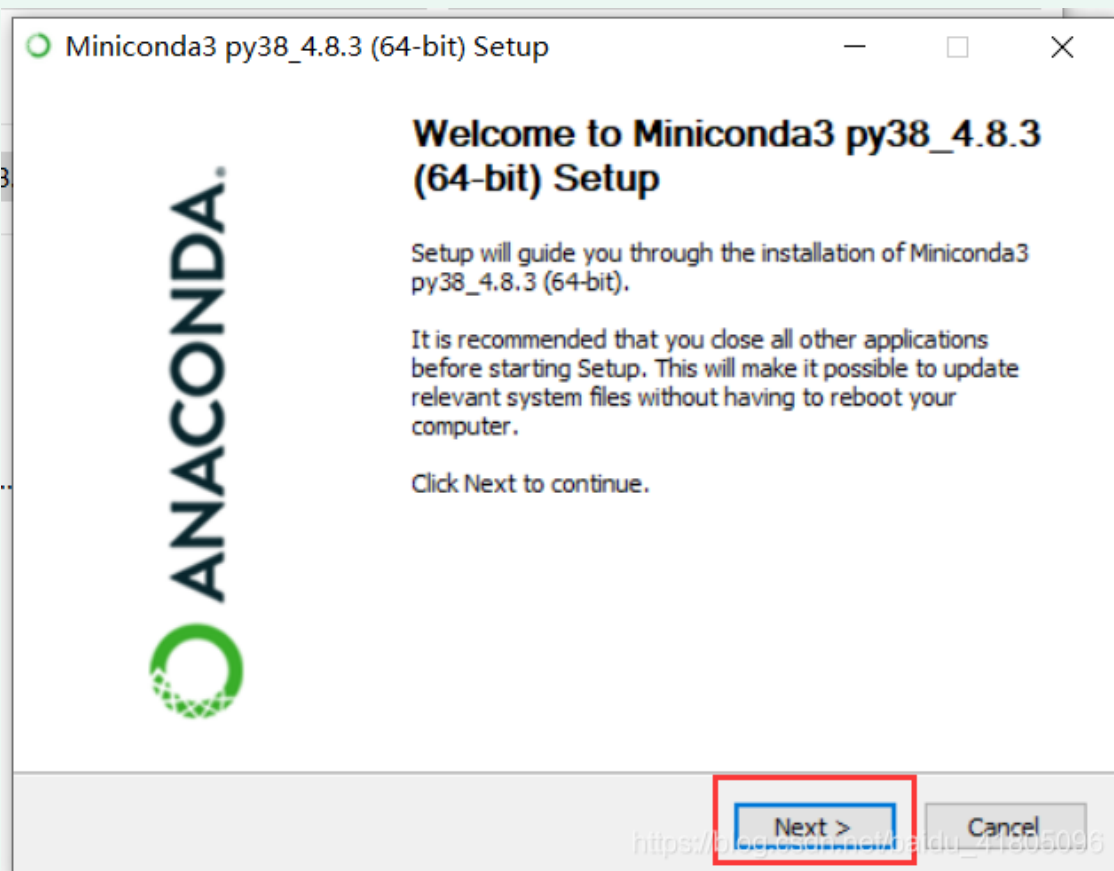
下载地址: <https://mirrors.tuna.tsinghua.edu.cn/anaconda/miniconda/>

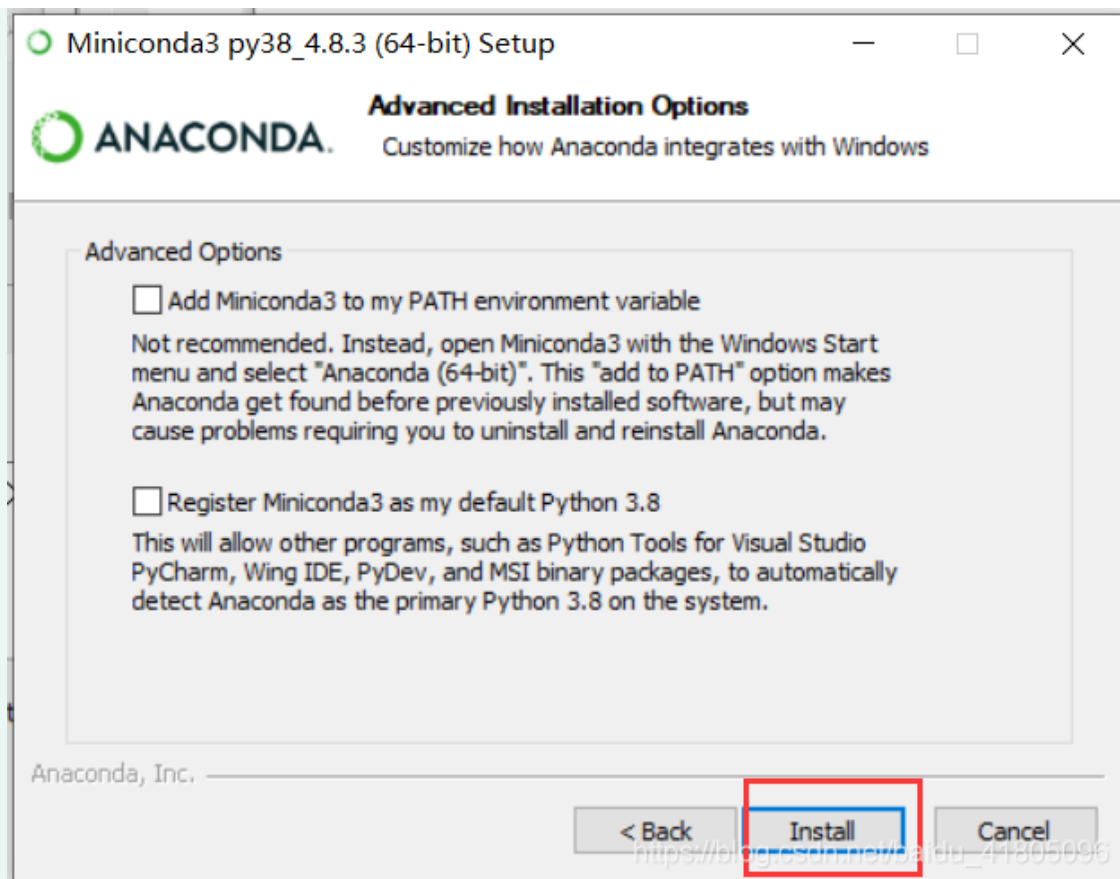
Miniconda3-py312_24.7.1-0-Linux-x86_64.sh	142.1 MiB	2024-08-23 00:47
Miniconda3-py312_24.7.1-0-MacOSX-arm64.pkg	106.7 MiB	2024-08-23 00:47
Miniconda3-py312_24.7.1-0-MacOSX-arm64.sh	107.5 MiB	2024-08-23 00:47
Miniconda3-py312_24.7.1-0-MacOSX-x86_64.pkg	108.2 MiB	2024-08-23 00:47
Miniconda3-py312_24.7.1-0-MacOSX-x86_64.sh	108.9 MiB	2024-08-23 00:47
Miniconda3-py312_24.7.1-0-Windows-x86_64.exe	85.6 MiB	2024-08-23 00:47
Miniconda3-py37_22.11.1-Linux-aarch64.sh	80.5 MiB	2022-12-23 07:56

## 2. 软件安装

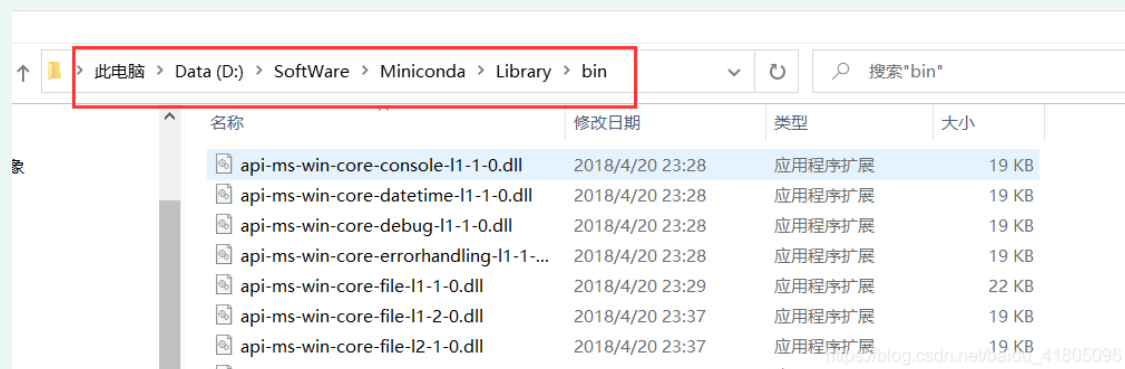
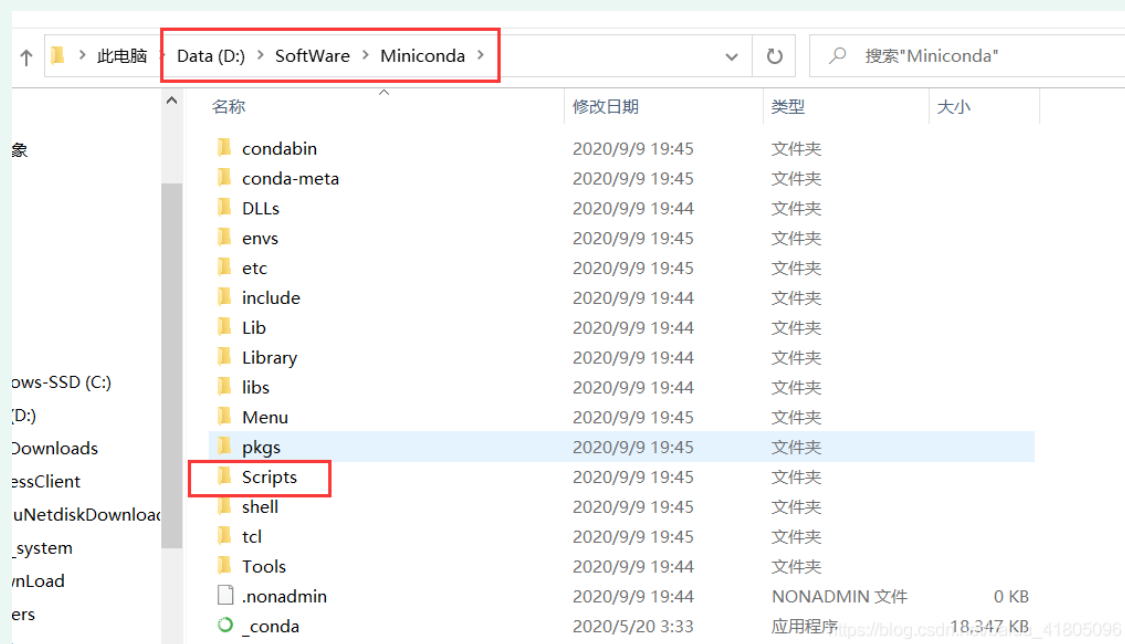
建议不要放到中文目录和空格目录

在安装过程中，一路点击next进行安装





添加环境变量, 将以下的路径添加到环境变量中



## 编辑环境变量

C:\Windows  
 C:\Windows\System32\Wbem  
 C:\Windows\System32\WindowsPowerShell\v1.0\  
 C:\Windows\System32\OpenSSH\  
 C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common  
 C:\Program Files\NVIDIA Corporation\NVIDIA NvDLISR  
 %JAVA\_HOME%\bin  
 %MAVEN\_HOME%\bin  
 D:\Soft\TortoiseSVN\bin  
 D:\Soft\Python3.7.6  
 D:\Soft\Python3.7.6\Scripts  
 D:\Soft\Python\  
 D:\Soft\Python\Scripts\  
 D:\Soft\nodejs\  
 C:\Program Files (x86)\Windows Kits\8.1\Windows Performanc...  
 D:\Soft\Git\cmd  
 D:\SoftWare\Oracle11g\product\11.2.0\instantclient\_11\_2  
 D:\SoftWare\TortoiseGit\bin  
 D:\SoftWare\Miniconda  
 D:\SoftWare\Miniconda\Library\bin  
 D:\SoftWare\Miniconda\Scripts

新建(N)

编辑(E)

浏览(B)...

删除(D)

上移(U)

下移(O)

编辑文本(T)...

确定

取消

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## 验证安装是否成功

```
C:\Users\JessieZ>conda
usage: conda-script.py [-h] [-V] command ...

conda is a tool for managing and deploying applications, environments and packages.

Options:
positional arguments:
  command
  clean                Remove unused packages and caches.
  config               Modify configuration values in .condarc. This is modeled after the git config command. Writes to the
                        user .condarc file (C:\Users\JessieZ\condarc) by default.
  create               Create a new conda environment from a list of specified packages.
  help                 Displays a list of available conda commands and their help strings.
  info                 Display information about current conda install.
  init                 Initialize conda for shell interaction. [Experimental]
  install              Install a list of packages into a specified conda environment.
  list                 List linked packages in a conda environment.
  package              Low-level conda package utility. (EXPERIMENTAL)
  remove               Remove a list of packages from a specified conda environment.
  uninstall            Alias for conda remove.
  run                  Run an executable in a conda environment. [Experimental]
  search               Search for packages and display associated information. The input is a MatchSpec, a query language
                        for conda packages. See examples below.
  update               Updates conda packages to the latest compatible version.
  upgrade              Alias for conda update.

optional arguments:
  -h, --help            Show this help message and exit.
  -V, --version          Show the conda version number and exit.

conda commands available from other packages:
  env

C:\Users\JessieZ>conda -V
conda 4.8.3
```

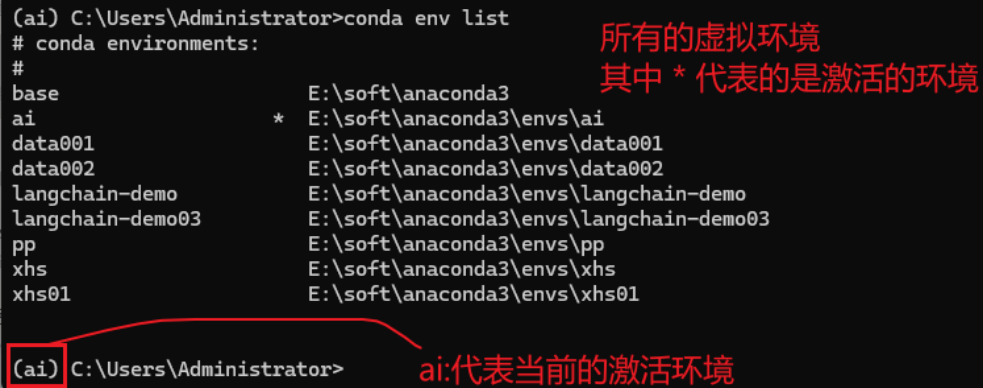
[https://blog.csdn.net/baidu\\_41805096](https://blog.csdn.net/baidu_41805096)

### 3. 软件的基本使用

```
# 1 创建一个虚拟环境
# -n 选项: 指定一个虚拟环境名称, python==3.10.6 指定python的版本信息
conda create -n test01 python==3.10.6

# 2 查看所有的虚拟环境
conda env list

# 3 激活(启用)虚拟环境 启用虚拟环境 test01
conda activate test01
```



The screenshot shows a terminal window with the command `(ai) C:\Users\Administrator>conda env list`. The output lists several environments, with the `ai` environment marked with an asterisk (\*). Red annotations explain the output: '所有的虚拟环境' (All virtual environments) points to the list, '其中 \* 代表的是激活的环境' (where \* represents the activated environment) points to the asterisk, and 'ai:代表当前的激活环境' (ai: represents the current activated environment) points to the `(ai)` prefix. A red bracket highlights the `(ai)` prefix in the prompt.

```
(ai) C:\Users\Administrator>conda env list
# conda environments:
#
base                  E:\soft\anaconda3
ai                    * E:\soft\anaconda3\envs\ai
data001              E:\soft\anaconda3\envs\data001
data002              E:\soft\anaconda3\envs\data002
langchain-demo       E:\soft\anaconda3\envs\langchain-demo
langchain-demo03     E:\soft\anaconda3\envs\langchain-demo03
pp                   E:\soft\anaconda3\envs\pp
xhs                  E:\soft\anaconda3\envs\xhs
xhs01                E:\soft\anaconda3\envs\xhs01

(ai) C:\Users\Administrator>
```

```
# 4 安装软件
pip install numpy
# 指定从清华大学地址下载
pip install pandas -i https://pypi.tuna.tsinghua.edu.cn/simple
# 指定版本安装
pip install numpy == 1.26.4
# 查看所有安装的软件列表
pip list
```