

安裝步驟說明

2020/04/20

安裝步驟-1

1. 下載最新版 [python](#)
2. 上網下載BeautifulSoup套件(直接上網搜尋即可找到): [如](#)
3. 將套件解壓縮在python目錄下: [如](#)
4. 找到你的Scripts目錄路徑: [如](#)
5. 進入cmd視窗: [如](#)
6. 在cmd視窗移動到Scripts目錄下: [如](#)
7. 執行 `pip install requests` : [如](#)
測試: 到 python IDLE 執行 `import requests` 不會有錯誤訊息就[成功](#)了
8. 在cmd視窗移動到python目錄下
9. 執行 `setup.py install`: [如](#)
測試: 到 python IDLE 執行 `from bs4 import BeautifulSoup` 不會有錯誤訊息就[成功](#)了

安裝步驟-2

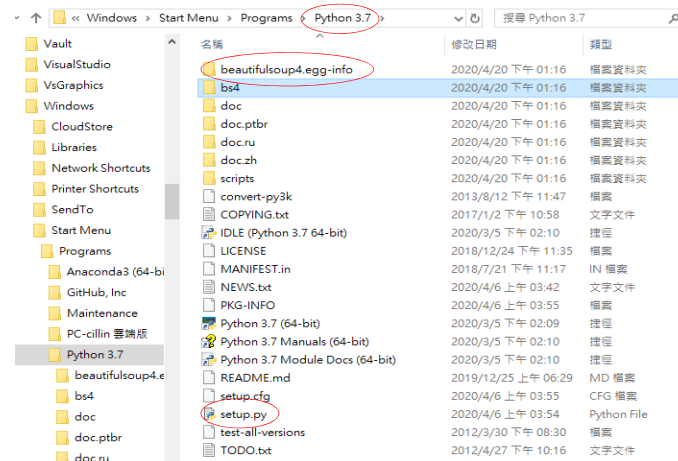
1. 在cmd視窗移動到Scripts目錄下，執行`pip install numpy`: 如
2. 測試: 到 python IDLE 執行`import numpy`不會有錯誤訊息就成功了
3. 執行 `pip3 install pandas`: 如
4. 測試: 到 python IDLE 執行`import pandas`不會有錯誤訊息就成功了
5. 執行 `pip3 install -U scikit-learn`: 如
6. 測試 Scikit-learn: 如
依照官網給的範例程式碼來跑跑看，是否安裝成功。

下載BeautifulSoup套件

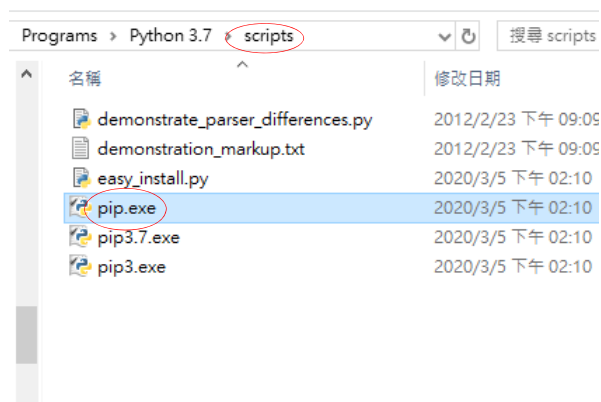


Name	Last modified	Size	Description
Parent Directory:		-	
4.0/	2012-05-29 17:31	-	
4.1/	2013-05-14 13:50	-	
4.2/	2013-05-31 13:57	-	
4.3/	2014-10-03 19:16	-	
4.4/	2015-09-29 00:24	-	
4.5/	2019-01-07 00:30	-	
4.6/	2019-01-07 00:29	-	
4.7/	2019-01-07 00:53	-	
4.8/	2019-12-24 22:28	-	
4.9/	2020-04-05 19:59	-	

將套件解壓縮在python目錄下



找到你的Scripts目錄路徑



CMD 視窗



圖 8-5 進入 Dos 的指令模式

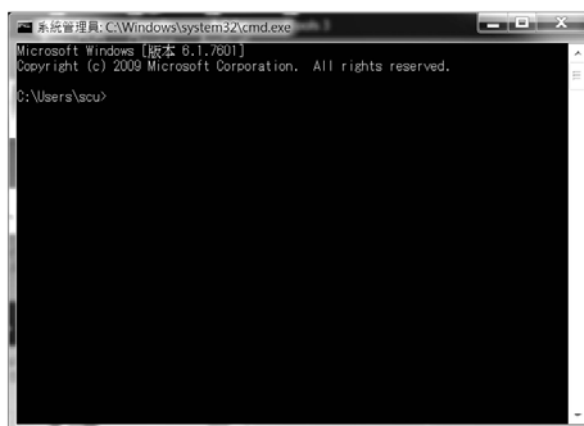
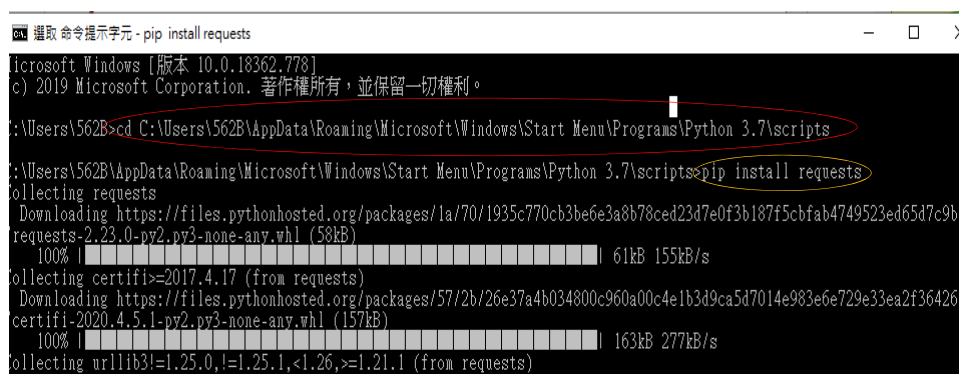


圖 8-6 Dos 指令模式

在Scripts下執行 pip install requests



在Python下執行 setup.py install

```

命令提示字元
8443b8\chardet-3.0.4.py2.py3-none-any.whl (133kB)
100% |#####| 143kB 505kB/s
Installing collected packages: certifi, urllib3, idna, chardet, requests
Successfully installed certifi-2020.4.5.1 chardet-3.0.4 idna-2.9 requests-2.23.0 urllib3-1.25.9
You are using pip version 19.0.3, however version 20.0.2 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.

:\Users\562B\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Python 3.7\scripts>cd ..
:\Users\562B\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Python 3.7>setup.py install
running install
running bdist_egg
running egg_info
writing beautifulsoup4.egg-info\PKG-INFO
writing dependency_links to beautifulsoup4.egg-info\dependency_links.txt
writing requirements to beautifulsoup4.egg-info\requires.txt
writing top-level names to beautifulsoup4.egg-info\top_level.txt
reading manifest file 'beautifulsoup4.egg-info\SOURCES.txt'
reading manifest template 'MANIFEST.in'
writing manifest file 'beautifulsoup4.egg-info\SOURCES.txt'
installing library code to build\bdist.win-amd64\egg
running install_lib
running build_py
creating build\lib
creating build\lib\

```

測試安裝是否成功

```

Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit
(AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import requests
>>> from bs4 import BeautifulSoup
>>>

```

沒有出現錯誤訊息就表示成功

Ln: 5 Col: 4

在Scripts下執行 pip install numpy

```

C:\Users\S62B\AppData\Local\Programs\Python\Python37\Scripts>pip install numpy
Collecting numpy
  Downloading https://files.pythonhosted.org/packages/99/29/080d63fb9579b426ea8081dc3f49f89e51912e0fb7d5be4a65cfa
87e3898/numpy-1.18.3-cp37-cp37m-win_amd64.whl (12.8MB)
    100% |#####| 12.8MB 1.0MB/s
Installing collected packages: numpy
Successfully installed numpy-1.18.3
You are using pip version 19.0.3, however version 20.0.2 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
C:\Users\S62B\AppData\Local\Programs\Python\Python37\Scripts>

```

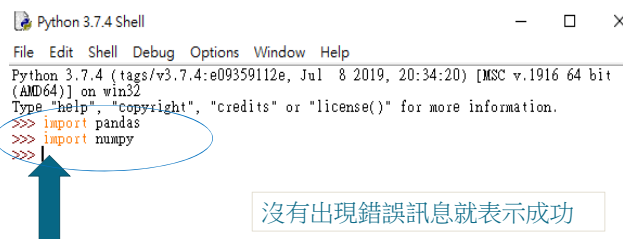
在Scripts下執行 pip3 install pandas

```

C:\Users\S62B\AppData\Local\Programs\Python\Python37\Scripts>pip3 install pandas
Collecting pandas
  Downloading https://files.pythonhosted.org/packages/69/69/c35fb9bc374c44e9c800c491e914a521dc3926fc6cee80d462
1771225/pandas-1.0.3-cp37-cp37m-win_amd64.whl (8.7MB)
    100% |#####| 8.7MB 1.3MB/s
Collecting python-dateutil<2.6.1, from pandas
  Downloading https://files.pythonhosted.org/packages/d4/70/660450c3dd48ef87586924207ae8907090de01306af2bce5d134d
78615cb/python-dateutil-2.8.1-py2.py3-none-any.whl (227kB)
    100% |#####| 235kB 2.0MB/s
Collecting pytz>=2017.2, from pandas
  Downloading https://files.pythonhosted.org/packages/e7/19/f0b53f88060247251bf481fa6e62c4d425bf1b1a87888e53ce5
b7c8ad2/pytz-2019.3-py2.py3-none-any.whl (509kB)
    100% |#####| 512kB 1.4MB/s
Requirement already satisfied: numpy>=1.13.3 in c:\users\s62b\appdata\local\programs\python\python37\lib\site-pac
kages (from pandas) (1.18.3)
Collecting six>=1.5, from python-dateutil<2.6.1, pandas
  Downloading https://files.pythonhosted.org/packages/63/cb/1f97c97bfc2390a276969c6fue16075da282f505808d4bc10c6
c5c1da/six-1.14.0-py2.py3-none-any.whl
Installing collected packages: six, python-dateutil, pytz, pandas
Successfully installed pandas-1.0.3 python-dateutil-2.8.1 pytz-2019.3 six-1.14.0
You are using pip version 19.0.3, however version 20.0.2 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.

```

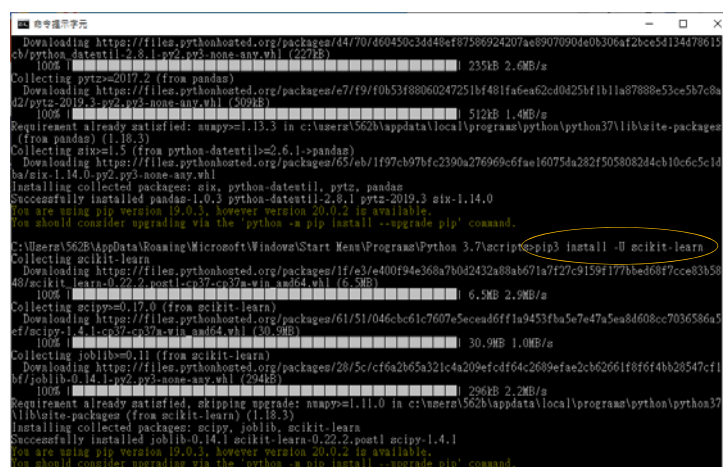
測試安裝是否成功



```
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import pandas
>>> import numpy
```

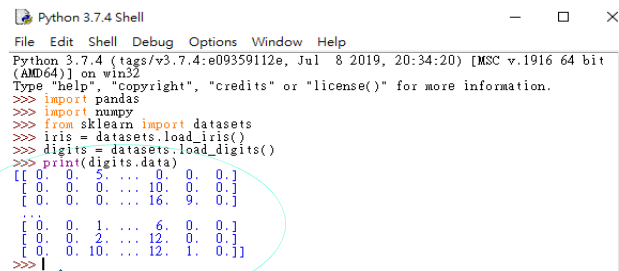
沒有出現錯誤訊息就表示成功

執行 pip3 install -U scikit-learn



```
命令提示字元
C:\Users\S62b\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Python 3.7\Scripts>pip3 install -U scikit-learn
Downloading https://files.pythonhosted.org/packages/44/70/460450c34d48ef87586924207ae89070904e0b306af2bce5d134478613/cu/python-dateutil-2.8.1-py2.py3-none-any.whl (227kB)
100% |#####| 235kB 2.6MB/s
Collecting pytz>=2017.2 (from pandas)
Downloading https://files.pythonhosted.org/packages/e7/f9/f0b53f88060247251bf481fa6ea62cd0425bf1b1a87888e53ce5b7c8a02/pytz-2019.3-py2.py3-none-any.whl (509kB)
100% |#####| 512kB 1.4MB/s
Requirement already satisfied: numpy>=1.13.3 in c:\users\s62b\appdata\local\program\python\python37\lib\site-packages (from pandas) (1.18.3)
Collecting six>=1.5 (from python-dateutil>=2.6.1->pandas)
Downloading https://files.pythonhosted.org/packages/65/eb/1f97cb97fc2390a276969c6fae16075da282f505808244cb10c65c1d1a/six-1.14.0-py2.py3-none-any.whl
Installing collected packages: six, python-dateutil, pytz, pandas
Successfully installed pandas-1.0.3 python-dateutil-2.8.1 pytz-2019.3 six-1.14.0
You are using pip version 19.0.3, however version 20.0.2 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
C:\Users\S62b\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Python 3.7\Scripts>pip3 install -U scikit-learn
Collecting scikit-learn
Downloading https://files.pythonhosted.org/packages/1f/e3/e400f94e368a7b042432a88ab671a7f27c9159f177bbd68f7cce83b5848/scikit-learn-0.22.2.post1-cp37-cp37a-win_amd64.whl (6.3MB)
100% |#####| 6.5MB 2.9MB/s
Collecting scipy>=0.17.0 (from scikit-learn)
Downloading https://files.pythonhosted.org/packages/61/51/046cbc61c7607e5ecedd6ff1a9453fba5e7e47a5ea8d608cc7036586a5ef/scipy-1.4.1-cp37-cp37a-win_amd64.whl (30.9MB)
100% |#####| 30.9MB 1.0MB/s
Collecting joblib>=0.11 (from scikit-learn)
Downloading https://files.pythonhosted.org/packages/28/5c/cf6a2b65a321c4a209efcdf64c2699efae2cb62661f8f6f4bb26547cf1bf/joblib-0.14.1-py2.py3-none-any.whl (294kB)
100% |#####| 296kB 2.2MB/s
Requirement already satisfied: numpy>=1.11.0 in c:\users\s62b\appdata\local\program\python\python37\lib\site-packages (from scikit-learn) (1.18.3)
Installing collected packages: scipy, joblib, scikit-learn
Successfully installed joblib-0.14.1 scikit-learn-0.22.2.post1 scipy-1.4.1
You are using pip version 19.0.3, however version 20.0.2 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
```

測試Scikit-learn安裝是否成功



A screenshot of a Python 3.7.4 Shell window. The window title is "Python 3.7.4 Shell". The menu bar includes "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The status bar shows "Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32". The main text area contains the following code and output:

```
>>> import pandas
>>> import numpy
>>> from sklearn import datasets
>>> iris = datasets.load_iris()
>>> digits = datasets.load_digits()
>>> print(digits.data)
[[ 0.  0.  5. ...  0.  0.  0.]
 [ 0.  0.  0. ... 10.  0.  0.]
 [ 0.  0.  0. ... 16.  9.  0.]
 ...
 [ 0.  0.  1. ...  6.  0.  0.]
 [ 0.  0.  2. ... 12.  0.  0.]
 [ 0.  0. 10. ... 12.  1.  0.]]
>>>
```

The output shows the first few rows of the digits dataset, indicating that the installation is successful.

有顯示對數字樣本的分類結果
就表示成功