

## Pandas Installation

Step 1: Visit <http://landinghub.visualstudio.com/visual-cpp-build-tools>

Step 2: **Download** Visual C++ build tools

# Visual C++ 2015 Build Tools

## Standalone compiler, libraries and scripts

These tools allow you to build C++ libraries and applications targeting Windows desktop. They are the same tools that you find in Visual Studio 2015 in a scriptable standalone installer. Now you only need to download the tools you need to build C++ projects.

The Visual C++ Build Tools download is refreshed to include every Visual Studio update. Visual Studio updates won't install on top of the Visual C++ Build Tools installation.

**Download Visual C++ Build Tools 2015**

Step 3: **Download** Visual C++ build tools

Step 4: Open command prompt and go to C:\Python34\Scripts

Step 5: Set following variables

```
C:\WINDOWS\system32>cd C:\Python34\Scripts
```

```
C:\Python34\Scripts>set VS140COMNTOOLS=C:\Program Files (x86)\Microsoft Visual Studio 14.0\Common7\Tools\
```

```
C:\Python34\Scripts>set VS100COMNTOOLS=%VS140COMNTOOLS%
```

Step 5: Type **PIP install pandas**

```
C:\Python34\Scripts>sqlite
'sqlite' is not recognized as an internal or external command,
operable program or batch file.

C:\Python34\Scripts>py -3 -m pip install ephem
Collecting ephem
  Using cached ephem-3.7.6.0.tar.gz
Installing collected packages: ephem
  Running setup.py install for ephem ... done
Successfully installed ephem-3.7.6.0

C:\Python34\Scripts>pip install pandas
Collecting pandas
  Using cached pandas-0.20.3.tar.gz
```

Step 6: Type **PIP install pandas** and Click Enter

```
Microsoft Windows [Version 10.0.15063]
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C:\WINDOWS\system32>cd C:\Python34\Scripts

C:\Python34\Scripts>set VS140COMNTOOLS=C:\Program Files (x86)\Microsoft Visual Studio 14.0\Common7\Tools
C:\Python34\Scripts>set VS100COMNTOOLS=%VS140COMNTOOLS%

C:\Python34\Scripts>pip install pandas
Collecting pandas
  Using cached pandas-0.20.3.tar.gz
Requirement already satisfied (use --upgrade to upgrade): python-dateutil>=2 in c:\python34\lib\site-packages
Requirement already satisfied (use --upgrade to upgrade): pytz>=2011k in c:\python34\lib\site-packages
Requirement already satisfied (use --upgrade to upgrade): numpy>=1.7.0 in c:\python34\lib\site-packages
Requirement already satisfied (use --upgrade to upgrade): six>=1.5 in c:\python34\lib\site-packages
Installing collected packages: pandas
  Running setup.py install for pandas
Successfully installed pandas-0.20.3
You are using pip version 7.1.2, however version 9.0.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.

C:\Python34\Scripts>
```