



Windows



macOS



Linux

## Anaconda 5.1 For Windows Installer

### Python 3.6 version \*

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[64-Bit Graphical Installer \(537 MB\)](#) ⓘ

[32-Bit Graphical Installer \(436 MB\)](#)

### Python 2.7 version \*

↓ Download

[64-Bit Graphical Installer \(523 MB\)](#) ⓘ

[32-Bit Graphical Installer \(420 MB\)](#)

[Behind a firewall?](#)

[\\*How to get Python 3.5 or other Python versions](#)

[How to Install ANACONDA](#)

- After downloading anaconda installer, please run it and follow installation instructions.
- After anaconda is installed, launch anaconda navigator
- Run Spyder from its menu
- Check you have python 3.6 running
- Try importing numpy and pandas packages
- On command prompt, run python command.
  - Python interactive shell should come up
  - Try typing an expression on the shell prompt like
    - $(3*6)*(2**2)$  , output should be eval of exp which is 72 here
- Run a simple python program that we created and check if it runs properly.

# Installing Pip

Please note: Pip should already be installed if you download Python from official site. You may still need to upgrade it(next slide)

## Installing with get-pip.py

To install pip, securely download [get-pip.py](https://bootstrap.pypa.io/get-pip.py). [1]:

```
curl https://bootstrap.pypa.io/get-pip.py -o get-pip.py
```

Inspect `get-pip.py` for any malevolence. Then run the following:

```
python get-pip.py
```

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# Upgrading Pip

## Upgrading pip ¶

On Linux or macOS:

```
pip install -U pip
```

On Windows [\[4\]](#):

```
python -m pip install -U pip
```

## Python and OS Compatibility

pip works with CPython versions 2.7, 3.3, 3.4, 3.5, 3.6 and also pypy.

## Install Tensorflow

TensorFlow supports Python 3.5.x and 3.6.x on Windows. Note that Python 3 comes with the `pip3` package manager, which is the program you'll use to install TensorFlow.

To install TensorFlow, start a terminal. Then issue the appropriate `pip3 install` command in that terminal. To install the CPU-only version of TensorFlow, enter the following command:

```
C:\> pip3 install --upgrade tensorflow
```

## Installing Open CV

<https://sourceforge.net/projects/opencvlibrary/files/opencv-win/3.4.1/opencv-3.4.1-vc1>

The above link takes you to latest version installer, follow instructions.

After installation, Please try import cv2 in your spyder window

Option- You can also try the pip installer

You are all setup now ✌️  
...Good luck.  
Thank You!