

Python3 installation

In this tutorial, we will install **python3** with *numpy*, *scipy*, *pillow*, *matplotlib*, *opencv* in different platforms.

Windows

Install Anaconda

- Download [Anaconda installer](https://www.continuum.io/downloads#windows) from
`<https://www.continuum.io/downloads#windows>`
- Double-click the **.exe** file to install Anaconda and follow the instructions on the screen

Install python3.5 and opencv3

- Open **cmd** and run:

```
cd path\to\your\anaconda\Scripts  
conda install python=3.5  
conda install -c menpo opencv3
```

- Launch **Spyder** from **Start Menu** to open Python IDE

Linux

Install Anaconda

- Download [Anaconda installer](https://www.continuum.io/downloads#linux) from

```
<https://www.continuum.io/downloads>
```

- Open terminal and run

```
cd ~/Downloads  
bash Anaconda3-4.4.0-Linux-x86_64.sh
```

Install python3.5 and opencv3

- Open **terminal** and run:

```
conda install python=3.5  
conda install -c menpo opencv3
```

- Launch **Spyder** from **Start Menu** to open Python IDE

Mac

Install Anaconda

- Download [Anaconda installer](https://www.continuum.io/downloads#macos) from

```
<https://www.continuum.io/downloads#macos>
```

- Double-click the **.pkg** file to install Anaconda and follow the instructions on the screen

Install python3.5 and opencv3

- Open **terminal** and run:

```
conda install python=3.5  
conda install -c menpo opencv3
```

- Launch **Spyder** from **Start Menu** to open Python IDE

