

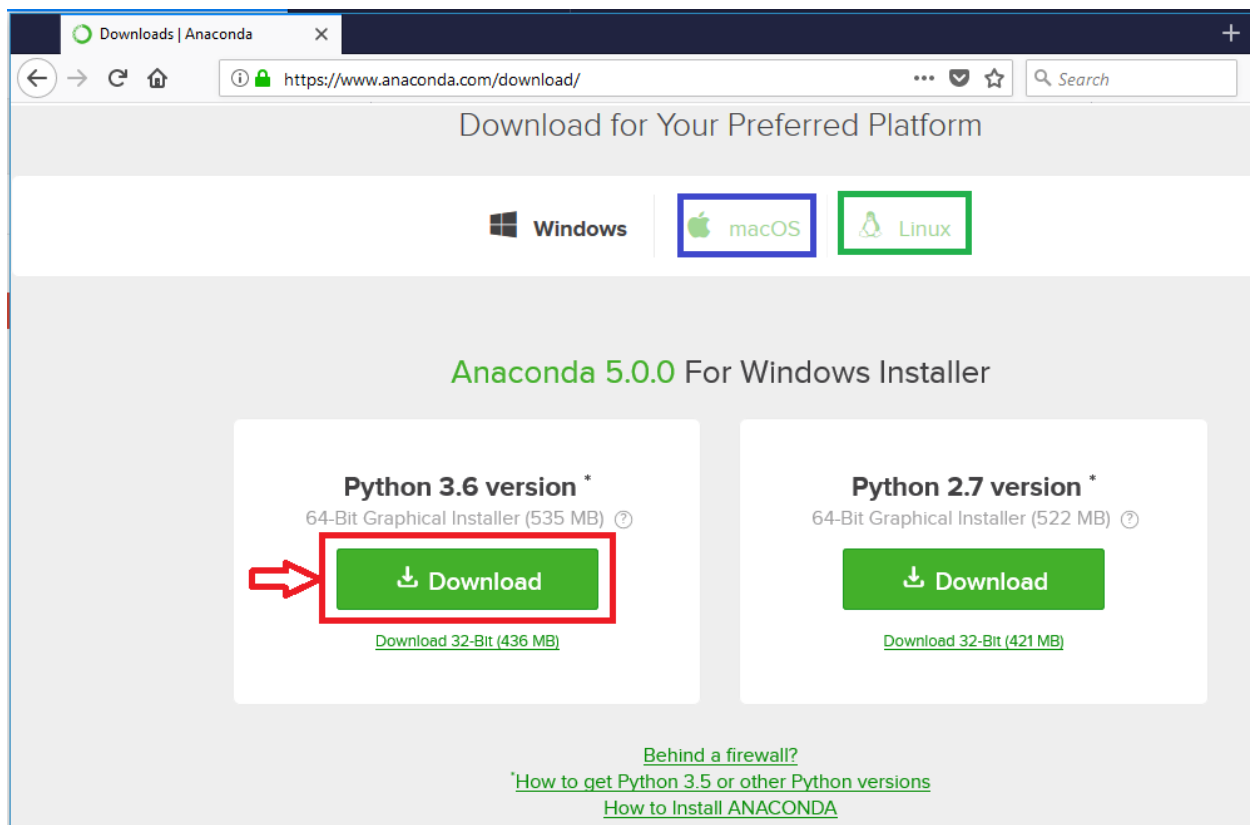
Anaconda(Python) and Libraries Installation Guide

System Requirements

- Windows 10 or Windows Server 2012 R2
- 64-bit architecture
- At least 8 GB of RAM
- At least 20 GB of free disk space
- defaults.

Steps to install Anaconda 5.0.0 (64-Bit) with Python 3.6:

1. Go to <https://www.continuum.io/downloads>

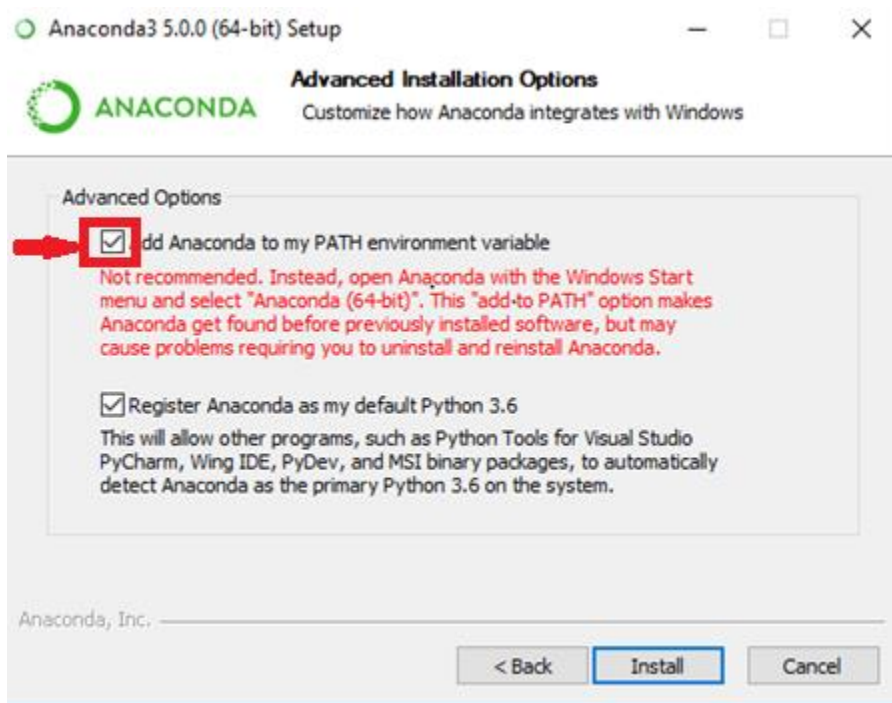


Note:

For macOS use the tab marked in green

For Linux use the tab marked in blue

During installation, make sure to select the first check-box to add anaconda to PATH environment variable



2. Open command prompt

- a. Execute `python --version`

It will display `Python 3.6.2 :: Anaconda, Inc.`

- a. Install tensorflow and keras using pip

`conda install -c conda-forge tensorflow` (or) `pip install tensorflow`

`conda install -c conda-forge keras` (or) `pip install keras`

`conda install -c conda-forge opencv`

- b. Type `python` in the terminal prompt and get into python terminal

- c. Execute `import keras`

JAVA Installation on linux

For Ubuntu :

```
#sudo apt-get install default-jdk
```

```
#sudo apt-get install default-jre
```

```
#java -version (It should be latest)
```

For Centos7 :

```
#sudo yum update (If you are root user no need to use sudo)
```

```
#sudo yum install java-1.8.0-openjdk-headless
```

```
#sudo yum install java-1.8.0-openjdk-devel
```

Anaconda Installation on Linux:

For Ubuntu and centos:

Go to : <https://www.anaconda.com/download/#linux>

Windows macOS Linux

Anaconda 5.0.1 For Linux Installer

Python 3.6 version *

Download

[64-Bit \(x86\) Installer \(525 MB\)](#) ?
[64-Bit \(Power8\) Installer \(310 MB\)](#)
[32-Bit Installer \(431 MB\)](#)

Python 2.7 version *

Download

[64-Bit \(x86\) Installer \(508 MB\)](#) ?
[64-Bit \(Power8\) Installer \(296 MB\)](#)
[32-Bit Installer \(413 MB\)](#)

- Click on Download button.
- Enter the following to install Anaconda for Python 3.6:

For Ubuntu.

```
#sudo chmod +x Anaconda3-5.0.1-Linux-x86_64.sh
```

```
#sudo bash Anaconda3-5.0.1-Linux-x86_64.sh
```

```
Do you accept the license terms? [yes|no]
[no] >>> yes

Anaconda2 will now be installed into this location:
/home/jayantm/anaconda2

- Press ENTER to confirm the location
- Press CTRL-C to abort the installation
- Or specify a different location below

[/home/jayantm/anaconda2] >>> █
```

For Centos:

```
#sudo chmod +x Anaconda3-5.0.1-Linux-x86_64.sh
```

```
#sudo ./Anaconda3-5.0.1-Linux-x86_64.sh
```

```
Do you accept the license terms? [yes|no]
[no] >>> yes

Anaconda3 will now be installed into this location:
/root/anaconda3

- Press ENTER to confirm the location
- Press CTRL-C to abort the installation
- Or specify a different location below

[/root/anaconda3] >>> █
```

Note : In my case it is /home/USER/Downloads . Please check Before installation where you have downloaded the file and change to that directory and run the above command.

Anaconda installation on Mac Os :

Go to : <https://www.anaconda.com/download/#macos>

- Download the graphical macOS installer for your version of Python.

Anaconda 5.0.1 For macOS Installer

Python 3.6 version *

[Download](#)

[64-Bit Graphical Installer \(569 MB\) ?](#)
[64-Bit Command-Line Installer \(491 MB\) ?](#)

Python 2.7 version *

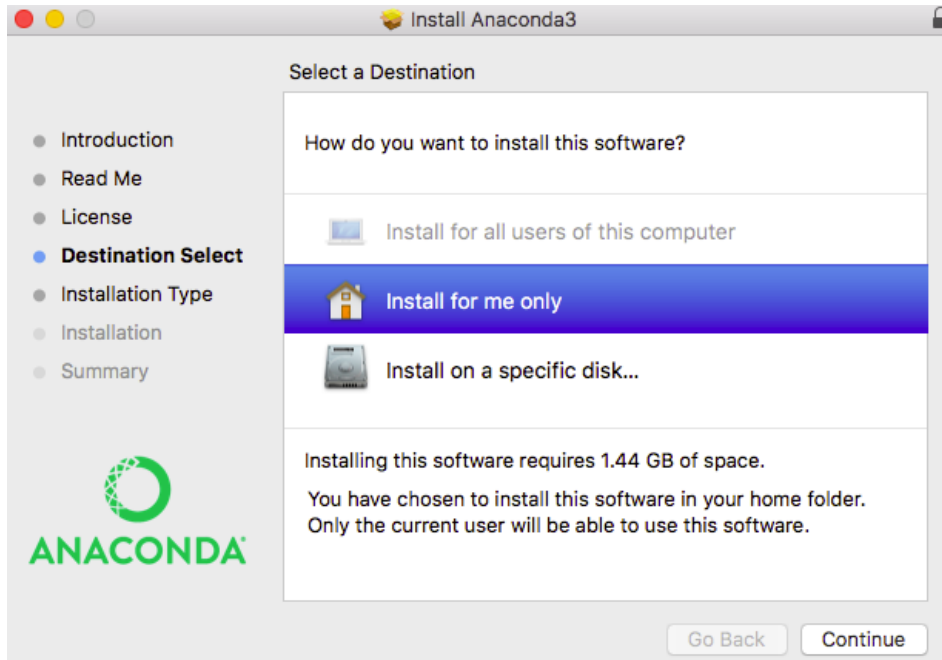
[Download](#)

[64-Bit Graphical Installer \(563 MB\) ?](#)
[64-Bit Command-Line Installer \(487 MB\) ?](#)

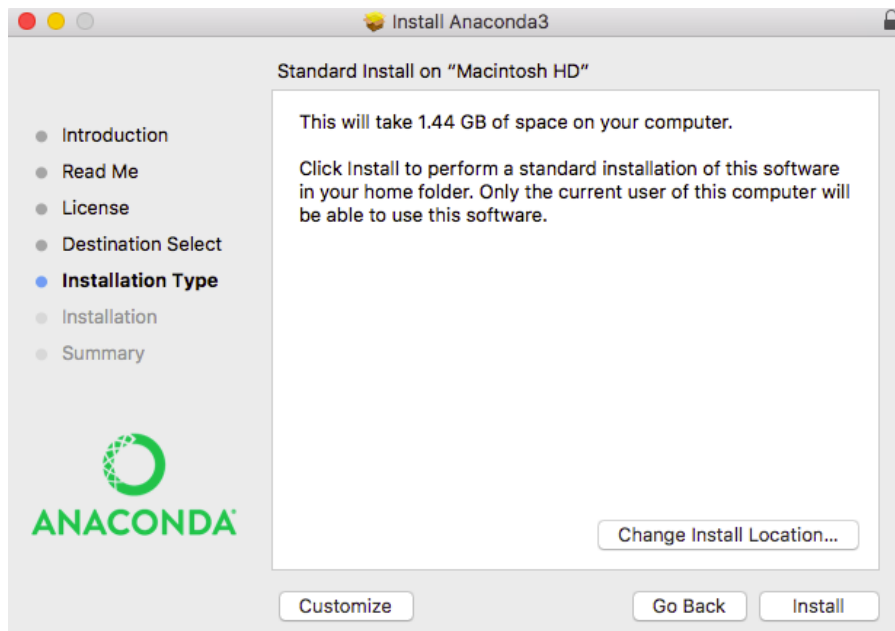
[*How to get Python 3.5 or other Python versions](#)
[How to Install ANACONDA](#)

- On the Destination Select screen, select Install for me only.

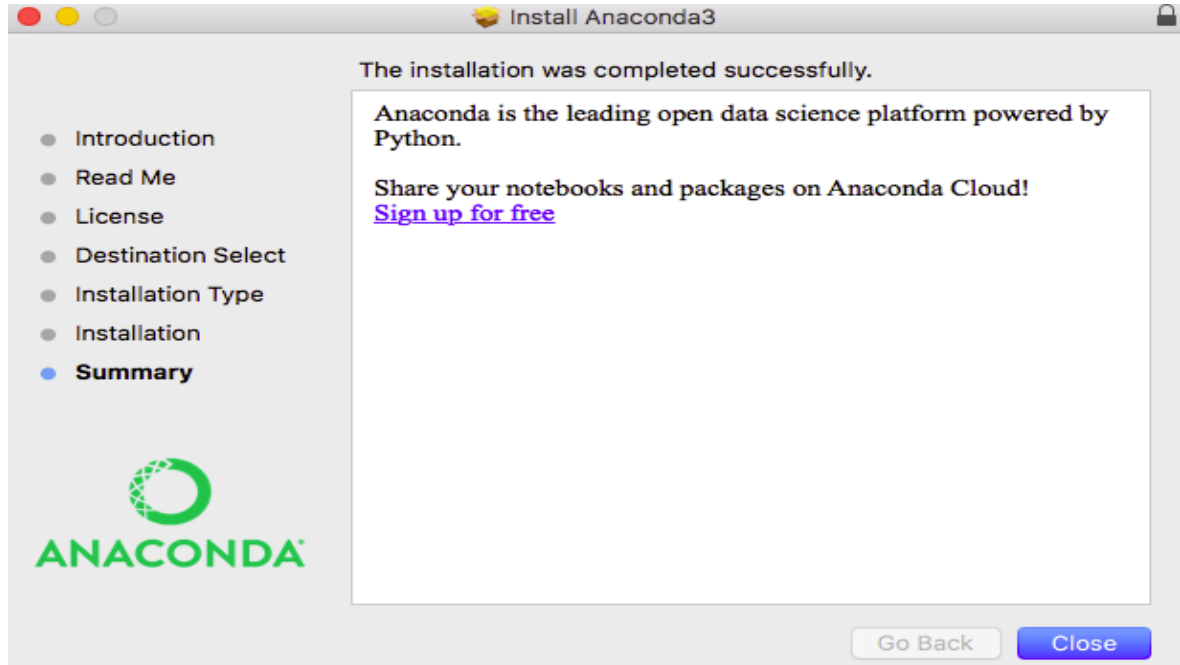
NOTE: If you get the error message “You cannot install Anaconda in this location,” reselect Install for me only.



- On the Installation Type screen, you may choose to install in another location. The standard install puts Anaconda in your home user directory (recommended):



- Click the Install button.
- A successful installation displays the following screen:



- Finish Installation. Click close button.

Thank You