

# 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 <u>https://www.continuum.io/downloads</u>



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



	Advanced Installation O	ptions		
ANACONDA	Customize how Anaconda in	ntegrates with Window	s	
Advanced Options				-
dd Anaconda ti	my PATH environment variabl	e		
Not recommended. menu and select "Ar Anaconda get found cause problems requ	Instead, open Anaconda with t aconda (64-bit)". This "add to I before previously installed so iring you to uninstall and reins	he Windows Start PATH" option makes ftware, but may tall Anaconda.		
Register Anacon	da as my default Python 3.6			
This will allow other PyCharm, Wing IDE detect Anaconda as	programs, such as Python Tool , PyDev, and MSI binary packa the primary Python 3.6 on the	s for Visual Studio ges, to automatically system.		
naconda, Inc				

- 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 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:





- 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



#### For Centos:

#sudo chmod +x Anaconda3-5.0.1-Linux-x86\_64.sh

#sudo ./Anaconda3-5.0.1-Linux-x86\_64.sh



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 : <a href="https://www.anaconda.com/download/#macos">https://www.anaconda.com/download/#macos</a>

• Download the graphical <u>macOS installer</u> for your version of Python.



• 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.



• • •	😓 Install Anaconda3 🛛 🔒
	Select a Destination
<ul><li>Introduction</li><li>Read Me</li></ul>	How do you want to install this software?
<ul> <li>License</li> <li>Destination Select</li> </ul>	Install for all users of this computer
<ul><li>Installation Type</li><li>Installation</li><li>Summary</li></ul>	fractional for me only
	Install on a specific disk
	Installing this software requires 1.44 GB of space. You have chosen to install this software in your home folder. Only the current user will be able to use this software.
	Go Back Continue

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

	💝 Install Anaconda3	
	Standard Install on "Macintosh HD"	
Introduction	This will take 1.44 GB of space of your computer.	
Read Me	Click Install to perform a standard installation of this software in your home folder. Only the current user of this computer will be able to use this software.	
<ul> <li>License</li> </ul>		
<ul> <li>Destination Select</li> </ul>		
Installation Type		
Installation		
Summary		
	Change Install Location	
	Customize Go Back Install	

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



• • •	😓 Install Anaconda3 🛛 🔒
	The installation was completed successfully.
<ul> <li>Introduction</li> <li>Read Me</li> <li>License</li> <li>Destination Select</li> <li>Installation Type</li> <li>Installation</li> <li>Summary</li> </ul>	Anaconda is the leading open data science platform powered by Python. Share your notebooks and packages on Anaconda Cloud! Sign up for free
	Go Back Close

• Finish Installation. Click close button.

Thank You