## Machine Learning- Anaconda software’s (64 bit)

**Anaconda**

On some non recent systems you might encounter dependency issues. In that case we recommend to have Anaconda 4.2.0 with Python 3.5 installed. Please find below the link of this Anaconda version for every system:

**Windows**

<https://repo.continuum.io/archive/Anaconda3-4.2.0-Windows-x86.exe>

**Windows 64 bit**

<https://repo.continuum.io/archive/Anaconda3-4.2.0-Windows-x86_64.exe>

**Mac**

<https://repo.continuum.io/archive/Anaconda3-4.2.0-MacOSX-x86_64.pkg>

**Linux**

<https://repo.continuum.io/archive/Anaconda2-4.2.0-Linux-x86.sh>

**Linux 64 bit**

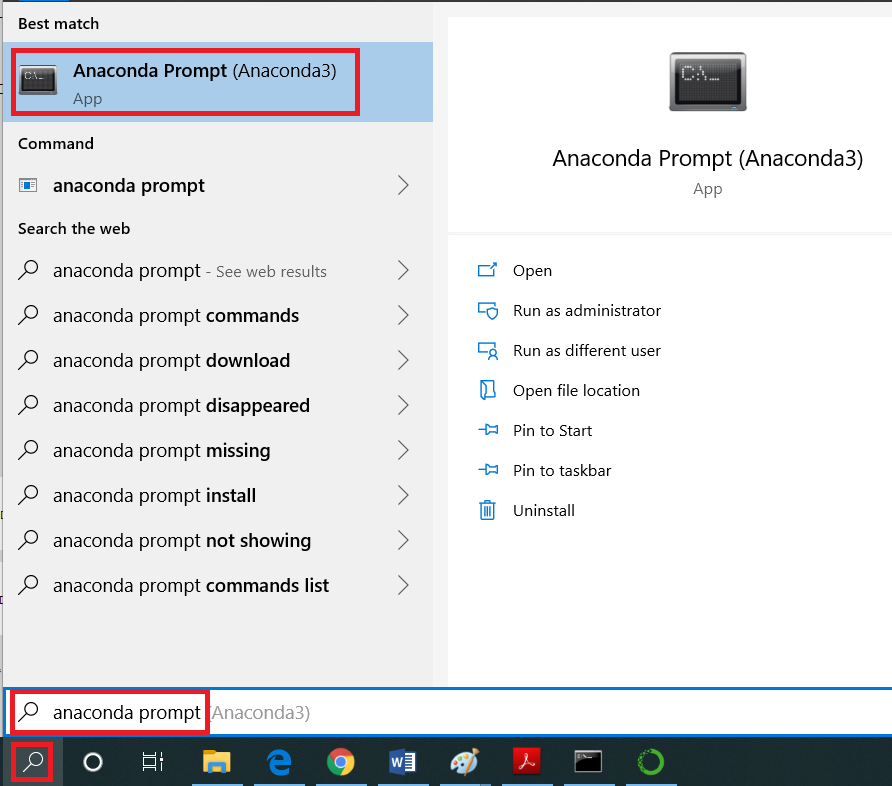
<https://repo.continuum.io/archive/Anaconda3-4.2.0-Linux-x86_64.sh>

1. Download and Install anaconda from https://www.anaconda.com/
2. Launch **Anaconda Navigation** on windows startup as administrator
3. To enable help, go to Tools > Preferences > Object Inspector. Under Help-> Automatic connections check your desired programming environment and enable plug-in. The link is dead and the feature not findable in the menus.

**how to install TensorFlow and Keras on your machine?**

Below are the installation instructions (you will notice that only Keras needs to be installed, this is normal, since the Keras package integrates TensorFlow):

* Linux and Max users, please open your terminal.  
  On Mac, the easiest way to open it is to press anywhere cmd + space, and then in the Spotlight Search you enter "terminal".  
  On Linux, you will find it very easily, usually on the left side of your monitor.  
  Then inside the terminal, copy-paste and enter the following line command:
* And Windows users, please open the anaconda prompt, which you can find with below steps:



windows search -> enter anaconda prompt-> right click and open  
Then inside the anaconda prompt, copy-paste and enter the following line command:

* 1. conda install -c conda-forge requests BeautifulSoup menpo opencv mathplotlib
  2. conda install -c conda-forge keras
  3. conda install numpy
  4. conda info# to see conda version installed
  5. python –version # to see python version installed
  6. jupyter notebook # to open jupyter notebook from anaconda prompt
  7. conda update –-all to update all packages on windows command line
  8. start spyder
  9. Run python program from anaconda prompt
  10. conda update conda
  11. conda forge packages conda-forge <https://conda-forge.org/>
  12. conda list
  13. conda installgremlinpython==3.2.6
  14. conda update conda
  15. conda update anaconda
  16. conda config --set channel\_priority false
  17. conda config --show channels
  18. conda config --show-sources
  19. conda remove scipy # to remove installed module
  20. conda search scipy # to search package available to install.
  21. <https://kapeli.com/cheat_sheets/Conda.docset/Contents/Resources/Documents/index> # reference document
  22. <https://wiki.math.ntnu.no/anaconda/start> - modules in anaoconda
  23. cheat sheat <https://docs.conda.io/projects/conda/en/4.6.0/_downloads/52a95608c49671267e40c689e0bc00ca/conda-cheatsheet.pdf>
  24. youtube <https://www.youtube.com/watch?v=xvqsFTUsOmc>
  25. IMDb - Wikipedia
  26. Other useful links

|  |
| --- |
| <https://www.youtube.com/watch?v=beh7GE4FdnM> |
| \*\* Python Certification Training: [https://www.edureka.co/data-science-p...](https://www.youtube.com/redirect?q=https%3A%2F%2Fwww.edureka.co%2Fdata-science-python-certification-course&v=beh7GE4FdnM&redir_token=6xODY3jg0RhfSZGlKqlYUbhf0ut8MTU5MDE4MDAzNEAxNTkwMDkzNjM0&event=video_description) \*\* This Edureka video on 'Python Anaconda Tutorial' will help you understand how you can work on anaconda using python with installation and setup including use case consisting of python |
| ​Hi @Ahmed You can refer our full Python course video here: [https://youtu.be/vaysJAMDaZw](https://www.youtube.com/watch?v=vaysJAMDaZw) |
| ​We also have exclusive discounts for all the attendees of this YouTube Live. To avail the same, head right here: [http://bit.ly/youtube-live-offer](https://www.youtube.com/redirect?q=http%3A%2F%2Fbit.ly%2Fyoutube-live-offer&redir_token=ULFVy3bVCUq6khVjNCYtn5M5HAV8MTU5MDE4MDA0MkAxNTkwMDkzNjQy&event=live_chat) |
| ​Hey @programming tech. V.P You can refer our jupyter notebook tutorial here: [https://youtu.be/fiQTb7-rCPo](https://www.youtube.com/watch?v=fiQTb7-rCPo) |
| ​You can start up with Python basics @pavan kumar . Here's the complete blog series to give you a quick headstart : [https://www.edureka.co/blog/python-an...](https://www.youtube.com/redirect?q=https%3A%2F%2Fwww.edureka.co%2Fblog%2Fpython-anaconda-tutorial%2F&redir_token=ULFVy3bVCUq6khVjNCYtn5M5HAV8MTU5MDE4MDA0MkAxNTkwMDkzNjQy&event=live_chat) |
| ​Hey @Harry S here is the structured approach, career insights and skills required to become a python developer: [https://www.edureka.co/blog/how-to-be...](https://www.youtube.com/redirect?q=https%3A%2F%2Fwww.edureka.co%2Fblog%2Fhow-to-become-a-python-developer%2F&redir_token=ULFVy3bVCUq6khVjNCYtn5M5HAV8MTU5MDE4MDA0MkAxNTkwMDkzNjQy&event=live_chat) |
| ​@Harry S Here you go: [https://www.youtube.com/playlist?list...](https://www.youtube.com/playlist?list=PL9ooVrP1hQOHUfd-g8GUpKI3hHOwM_9Dn) |
| ​@Ayushi Srivastava Here's a complete playlist on Python Django: [https://www.youtube.com/playlist?list...](https://www.youtube.com/playlist?list=PL9ooVrP1hQOED7UWm5FMv4z4b1L8lxnlb) |
| ​Looking to up-scale your career in Python/ data science? Take up the certification now! Fill up this form to avail some discount: [http://bit.ly/youtube-live-offer](https://www.youtube.com/redirect?q=http%3A%2F%2Fbit.ly%2Fyoutube-live-offer&redir_token=ULFVy3bVCUq6khVjNCYtn5M5HAV8MTU5MDE4MDA0MkAxNTkwMDkzNjQy&event=live_chat) |

cd F:\General Training docs\ML\Anaconda and Python\Excercise

python JSON2YAML.py <programname =JSON2YAML and hit enter to run>