

Speed16 Academy

(Online IT Training Academy)

Anaconda Installation Guide

Step – 1: Installation of Anaconda Distribution:

1. Visit: <https://www.anaconda.com/products/individual> Scroll down and download Anaconda Distribution as per your Operating System (Select Latest version of Python3)
2. Install the downloaded Executable File.
 - a. Click: Next
 - b. Click: Accept
 - c. Install for: Select 2nd Option (All Users)
 - d. Yes
 - e. Keep Destination Folder as it is (or change it if required)
 - f. Advanced Options: Select both checkboxes [it says Not Recommended, even though select both checkboxes]
 - g. Click on Install. It takes 8 to 12 minutes to Install Anaconda depending on your system speed.

Note: Anaconda distribution automatically installs many things at a time (Python, Jupyter Notebook IDE and many Data Science Modules etc.)

Step – 2: Launching Jupyter Notebook IDE:

1. Press Windows Button & Search for Jupyter Notebook (Anaconda 3)
2. Right Click on Jupyter Notebook (Anaconda 3) and click on 'Pin to Taskbar'
3. Now you can find Jupyter Notebook Symbol (orange color semi-circle) at Taskbar.
4. Above steps are one time. Next time onwards: just Click on Jupyter Notebook Symbol present at Taskbar.
5. It will start server, opens a terminal and text file. Minimize them.
6. Go to browser and enter below link
7. <http://localhost:8888/tree>
8. It Opens Jupyter Notebook. **This window is called 'Notebook Dashboard'.**
9. Scroll Down and Chose Folder (Say Desktop-> My_Programs). Your all programs are going to be stored at this location.

Step – 3: Writing Hello World Program in Jupyter Notebook:

1. Click on New and then Python3 (At the Top Right side)
2. It will open a new window. Go to that window.
3. **This window is called Kernel.**
4. Type below line in the cell (Write it by yourself, Don't Copy-Paste).
5. print("Hello World")

6. Press: Ctrl+Enter to Execute
7. You will find Output (Hello World) just below the Cell.
8. Congratulation. You executed first Python Program.
9. Save the file: at the Top Left side you will find Jupyter Notebook symbol. Just after that you will find Untitled1. Double Click on Untitled1 and Rename it with any desirable file name (say Hello, Sample, Introduction, Data Types, Operators etc.) as per your topic.
10. Now you can '+' symbol present below 'File' menu and start writing another program.
11. Change Code to Markdown to write Notes instead of Programs (You will find this option just below 'Help' Menu). [Use #s for Headings, * for bullets].
12. You can open any number of Kernels at a time.

Step – 4: Closing Jupyter Notebook:

1. Closing the browser (or the tab) will not close the Jupyter Notebook.
2. To shut down a kernel, go to the associated kernel and click on File -> Close and Halt.
3. Now go to Notebook Dashboard (the window which opened after entering <http://localhost:8888/tree>). Click on Quit (Top Right Side). Wait for few seconds. It closes command prompt also. If not go to step 4.
4. Now go to Command Prompt and Press Ctrl+C.
5. Close the Notepad.

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