

Installation of VM ware, ubuntu in VM ware and setting up environment

Installing VM ware:

Search VM ware in the browser open its official website [Download VM Ware workstation player](#) and select product section and click workstation player and download VM ware. Open downloaded file and install VM ware.

Installing ubuntu linux:

Search ubuntu in the browser and open its official website [Download ubuntu desktop](#), select download section and download ubuntu file. Open VM ware and click in new to create virtual machine. Choose I will install the OS later. Name virtual machine and select your location and click next button. Give RAM space as you want. Create virtual machine and click edit VM setting. Click CD/DVD(STAT) and browse iso file. Click play virtual machine.

To install python in linux:

Goto terminal and type “sudo apt install python3”. Further, type “sudo apt install python3-pip” to install package installer for python.

To install Anaconda:

Download Anaconda from its official website [Download Anaconda](#), type “cd Downloads/” in the terminal. Type “bash Anaconda_file_name” and press enter. Type “source ~/.bashrc” to activate all the environment variables in current terminal itself. You can see package available in Anaconda by typing “conda list”. Type “conda search “^python\$” ” to search specific package.

To run jupyter notebook:

In the terminal type “mkdir file_name” to create new file“. Type “cd file_name/” to enter file_name directory. Type “jupyter notebook” to open jupyter notebook in that directory.