

PYTHON INSTALLATION GUIDE & SETTING UP YOUR ENVIRONMENT!

INSTALLING PYTHON

Step 1: Visit : <https://www.python.org/downloads/release/python-373/>

Step 2: Downloading Installer:

Version	Operating System	Description	MD5 Sum	File Size	PGP
Gzipped source tarball	Source release		2ee10f25e3d1b14215d56c3882486fcf	22973527	SIG
XZ compressed source tarball	Source release		93df27aec0cd18d6d42173e601ffbbfd	17108364	SIG
macOS 64-bit/32-bit installer	Mac OS X	for Mac OS X 10.6 and later	5a95572715e0d600de28d6232c656954	34479513	SIG
→ macOS 64-bit installer	Mac OS X	for OS X 10.9 and later	4ca0e30f48be690bfe80111daee9509a	27839889	SIG
Windows help file	Windows		7740b11d249bca16364f4a45b40c5676	8090273	SIG
Windows x86-64 embeddable zip file	Windows	for AMD64/EM64T/x64	854ac011983b4c799379a3baa3a040ec	7018568	SIG
→ Windows x86-64 executable installer	Windows	for AMD64/EM64T/x64	a2b79563476e9aa47f11899a53349383	26190920	SIG
Windows x86-64 web-based installer	Windows	for AMD64/EM64T/x64	047d19d2569c963b8253a9b2e52395ef	1362888	SIG
Windows x86 embeddable zip file	Windows		70df01e7b0c1b7042aabb5a3c1e2fbd5	6526486	SIG
Windows x86 executable installer	Windows		ebf1644cdc1eeebacc92afa949cfc01	25424128	SIG
Windows x86 web-based installer	Windows		d3944e218a45d982f0abcd93b151273a	1324632	SIG

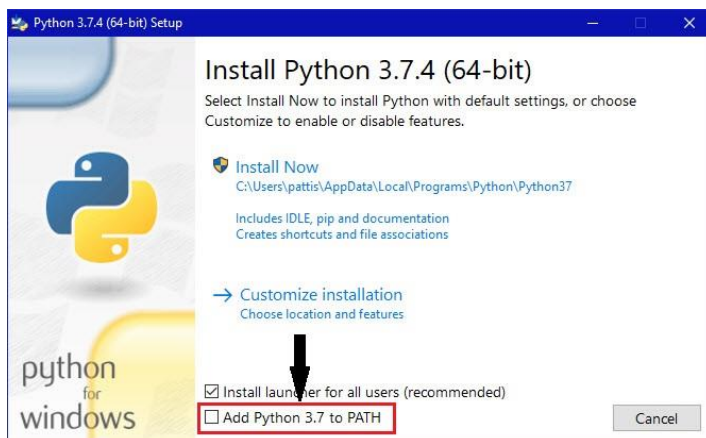
For windows users: download the windows executable file

For mac OS users: download the macOS 64 bit installer

Step 3: Run the installation File



Step 4: Select the “ ADD PYTHON 3.7 to PATH OPTION”



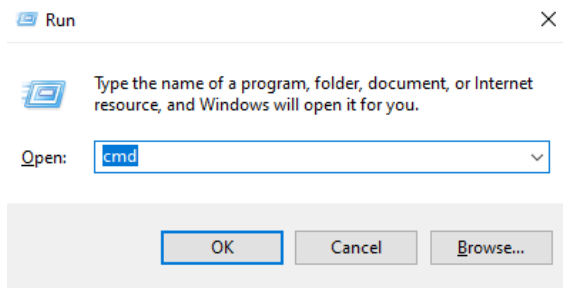
Step 5: Click on Install Now

SETTING UP YOUR ENVIRONMENT!

Once installation is complete,

Step 1: Click -> Win key + R

Step 2: Type in “cmd” and hit Enter



{ Optional step 3: to check if python has been installed properly: type python in cmd window and hit enter, if it works, then it's properly installed otherwise you missed a step in last tutorial and need to reinstall it }

Step 4: type “ pip install virtual env ” and hit Enter

```
C:\Users\hp pc>pip install virtualenv
```

Step 5: type “ pip install jupyter ” and hit Enter

```
C:\Users\hp pc>pip install jupyter_
```

Step 6: type “ pip install --upgrade pip ” and hit enter

```
C:\Users\hp pc>pip install --upgrade pip
```

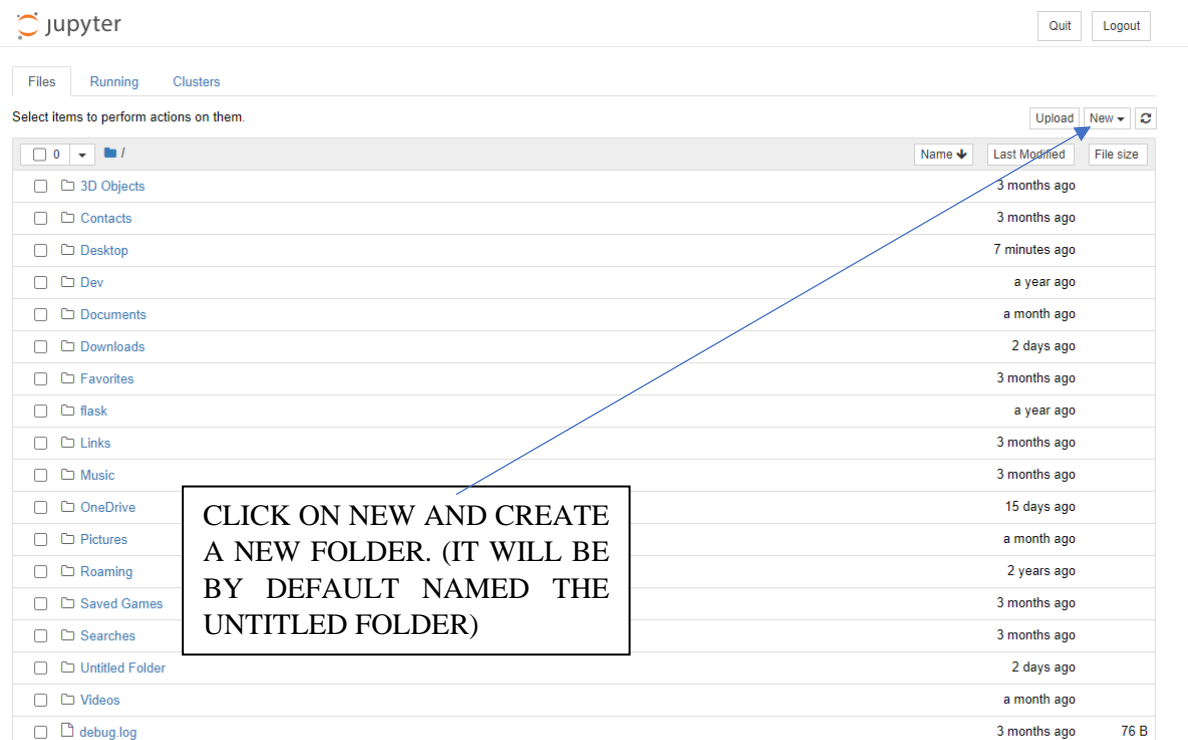
GETTING STARTED WITH PYTHON!

Step 1: Open command prompt (Win + R => Type “cmd” hit enter)

Step 2: Type “jupyter notebook” and hit Enter

```
C:\Users\hp pc>jupyter notebook
```

Step 3: Once this page opens



The screenshot shows the Jupyter Notebook interface. At the top, there's a 'jupyter' logo and 'Quit' and 'Logout' buttons. Below that are tabs for 'Files', 'Running', and 'Clusters'. A message says 'Select items to perform actions on them.' Below this is a file browser table with columns 'Name', 'Last Modified', and 'File size'. The table lists various folders like '3D Objects', 'Contacts', 'Desktop', etc., and files like 'debug.log'. A blue arrow points from a text box to the 'New' button in the top right corner of the file browser.

CLICK ON NEW AND CREATE A NEW FOLDER. (IT WILL BE BY DEFAULT NAMED THE UNTITLED FOLDER)

Step 4: Once the new folder shows up in your list, click on it and now you are good to go!

LET'S START THE JOURNEY OF LEARNING PYTHON & AI