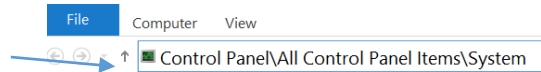


# Installing Python & Creating Environment

## “ For Windows User”

1. Download [Python](#) according to your PC's System type.
2. To Check “System type” from the location:

(Copy & paste it in PC's address bar as like)



Control Panel\All Control Panel Items\System

Then see “System type” value in the popped window.

[For x32 & x86: Windows x86 executable installer](#)

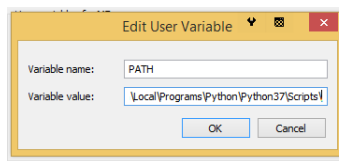
[For x64: Windows x86-64 executable installer](#)

3. After download, install it (\*with checking the box “Add Python 3.\* to PATH”).
4. After showing “Installation Successful”, Press ( “Win” + “ R ” ) keys.
5. Then type “cmd” in pop-up window called “RUN” & Hit “ Enter ” key.
6. Then in the popped CMD window type “python” and Hit “ Enter ” key.
7. **Now, If the CMD changes into a Python- command prompt**

```
C:\Users\MZ>python
Python 3.7.4 (tags/v3.7.4
Type "help", "copyright",
>>>
```

**Else:**

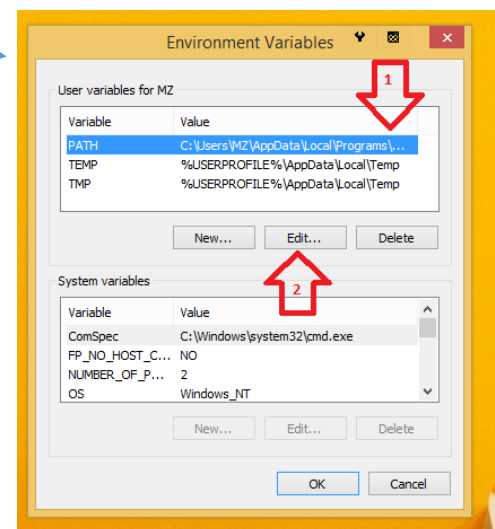
- A. Press “Win” key & type “python”, In the search result.
- B. Right click on “**IDLE(Python 3.\*)**” & select “Open File Location”.
- C. Do as (B) on the file which is indicated by the mouse indicator.
- D. Do as (C) till there is no “Open File Location” in the Menu.
- E. The last file name will be “pythonw.exe”. If so, then press the “address bar” as the image of (2) and copy the path; Else start (A) again.
- F. Now Press “Win” key & type “**edit environment variables for your account**” & in the search result click on the result.
- G. It will show a window like this:
- H. Select “PATH” as 1-of-image.
- I. Then hit “Edit...” as 2-of-image.
- J. Then a window will be pop-uped as



- K. Then press these keys as the sequence:
  - I. “**→**” key.
  - II. “**;**” key.
  - III. (“**ctrl**” + “**V**”)

L. Then hit “Ok”...Done.

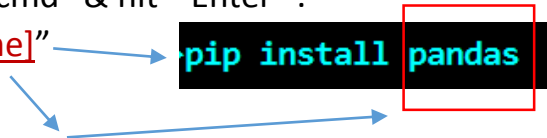
M. Now do as (6) and python will pop-up this time.



## “ For Linux User”

By default, there are Python-2\* & Python-3\* or sometime only python-3\*. So there is no need of any installation.

## Installing Python Modules

1. Press (“Win” + “R”) and type “cmd” & hit “ Enter ”.
2. Type “pip install [package-name]”  


```
pip install pandas
```
3. pip is for python2.7 & pip3 is for python3, if two pythons are in OS(like: linux). If only one python is in OS then pip is the default.
4. Some necessary packages of Python:
  - I. pip install numpy
  - II. pip install opencv-python
  - III. pip install pandas
  - IV. pip install sklearn
  - V. pip install keras
  - VI. pip install tensorflow
5. [Visual Studio Code link](#)

For any problem in it:  
You can ask [me through mail](#).