### Cara menginstal python di linux

* Buka web broser dan buka alamat --> <https://www.python.org/downloads/>.
* Ikuti link untuk mendownload source code zip yang tersedia untuk unix / linux available for Unix/Linux.
* Kemudian download dan ekstrak file
* mengedit file *Modules/Setup* jika ingin menyesuaikan beberapa pilihan.
* Jalankan ./configure script
* make
* make install

standar lokasi penginsytalan python pada */usr/local/bin* dan library pada */usr/local/lib/pythonXX* yang dimaksud XX adalah versi python.

## Setting path pada Linux

To add the Python directory to the path for a particular session in Unix −

* **In the csh shell** − type setenv PATH "$PATH:/usr/local/bin/python" and press Enter.
* **In the bash shell (Linux)** − type export ATH="$PATH:/usr/local/bin/python" and press Enter.
* **In the sh or ksh shell** − type PATH="$PATH:/usr/local/bin/python" and press Enter.
* **Note** − /usr/local/bin/python is the path of the Python directory

## Python Environment Variables

Here are important environment variables, which can be recognized by Python −

|  |  |
| --- | --- |
| S.No. | Variable & Description |
| 1 | **PYTHONPATH**  It has a role similar to PATH. This variable tells the Python interpreter where to locate the module files imported into a program. It should include the Python source library directory and the directories containing Python source code. PYTHONPATH is sometimes preset by the Python installer. |
| 2 | **PYTHONSTARTUP**  It contains the path of an initialization file containing Python source code. It is executed every time you start the interpreter. It is named as .pythonrc.py in Unix and it contains commands that load utilities or modify PYTHONPATH. |
| 3 | **PYTHONCASEOK**  It is used in Windows to instruct Python to find the first case-insensitive match in an import statement. Set this variable to any value to activate it. |
| 4 | **PYTHONHOME**  It is an alternative module search path. It is usually embedded in the PYTHONSTARTUP or PYTHONPATH directories to make switching module libraries easy. |

