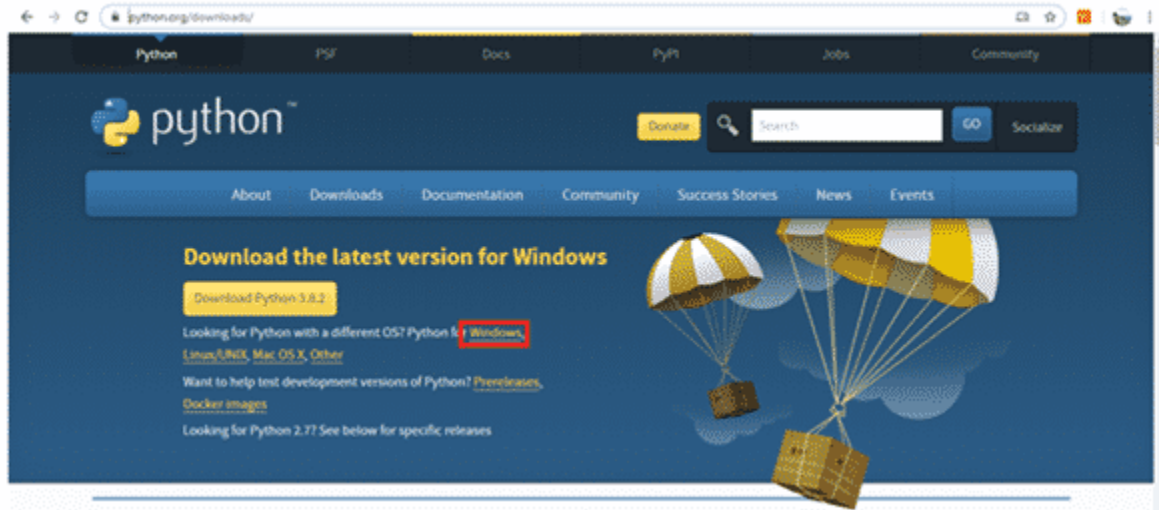


Cara Install Python dan Jupyter Notebook di Windows

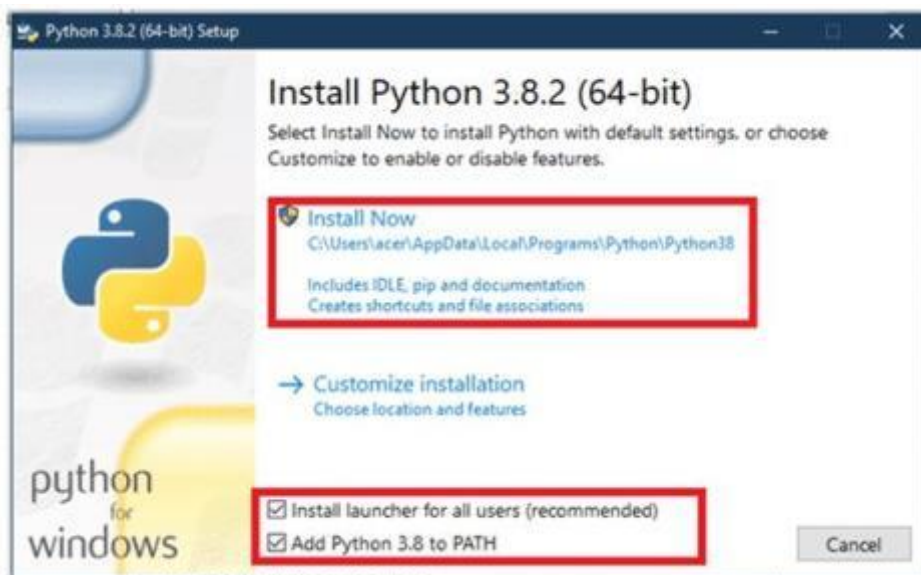
Silahkan ikuti langkah-langkah di bawah ini:

Masuk ke halaman website <https://www.python.org/downloads/> untuk mendownload Python

Pilih jenis sistem operasi yang kamu gunakan. (Windows, Linux/UNIX, Mac OS X, Other). Untuk pc/laptop dengan OS Windows 10, klik Windows.



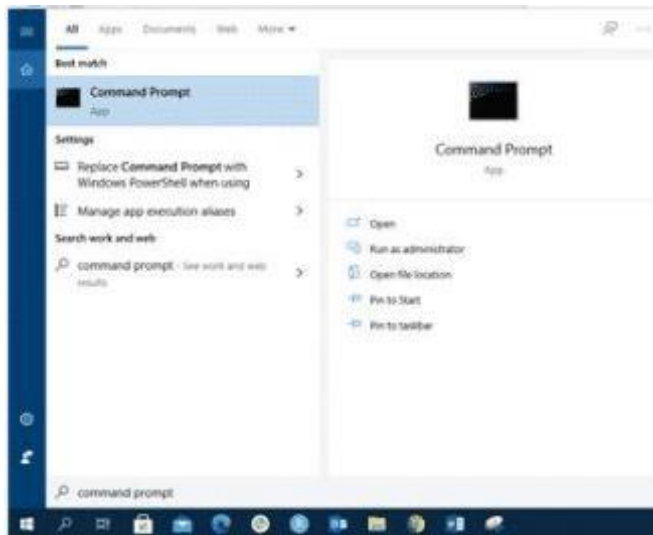
Setelah proses *download* selesai, buka *installer* dan klik tombol *Run*. Jangan lupa untuk memilih opsi menambahkan Python 3.8 ke PATH dan *Install launcher for all users* sebelum mengklik tombol "Install Now"



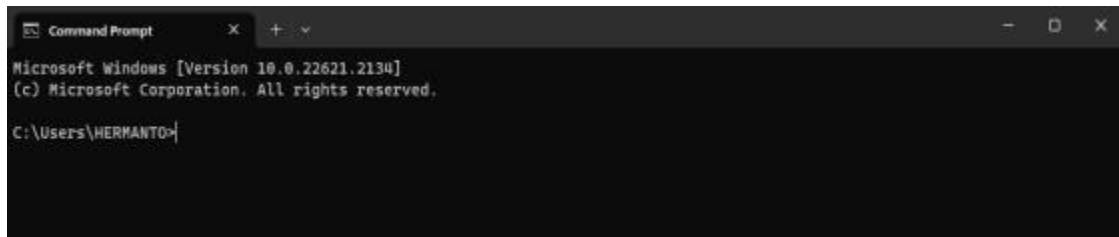
Ketika proses instalasi telah selesai, pilih opsi “*Disable path length limit*” dan tutup proses instalasi Python dengan mengklik tombol *Close*



Setelah melakukan instalasi, cek apakah Python sudah terinstall dengan baik melalui jendela Command Prompt. Untuk membuka jendela Command Prompt dapat dilakukan dengan mengetikkan “Command Prompt” pada fitur *Search*.



Kemudian akan muncul jendela sebagai berikut



```
Command Prompt
Microsoft Windows [Version 10.0.22621.2134]
(c) Microsoft Corporation. All rights reserved.

C:\Users\HERMANTO>
```

Tulis perintah: **python --version**

Jika Python telah terinstall, maka Command Prompt akan menampilkan versi Python tersebut.



```
Command Prompt
Microsoft Windows [Version 10.0.22621.2134]
(c) Microsoft Corporation. All rights reserved.

C:\Users\HERMANTO>python --version
Python 3.11.5
```

Setelah Python terinstall, maka dilanjutkan dengan instalasi Jupyter notebook yang dimulai dengan menginstall pip menggunakan “**pip install virtualenv**” melalui Command Prompt



```
Command Prompt
Microsoft Windows [Version 10.0.22621.2134]
(c) Microsoft Corporation. All rights reserved.

C:\Users\HERMANTO>python --version
Python 3.11.5

C:\Users\HERMANTO>pip install virtualenv
```

```
Command Prompt
Microsoft Windows [Version 10.0.17763.1158]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\acer>python --version
Python 3.8.2

C:\Users\acer>pip install virtualenv
Collecting virtualenv
  Downloading https://files.pythonhosted.org/packages/23/1a/d55f5fb904564365c3d364fd41701a74ad497379f04fd548cccc3f227d90/virtualenv-20.0.18-py2.py3-none-any.whl (4.6MB)
    |#####| 4.6MB 56kB/s
Collecting appdirs<2,>=1.4.3 (from virtualenv)
  Using cached https://files.pythonhosted.org/packages/56/eb/810e700ed1349edde4cbdc1b2a21e28cdf115f9faf263f6bbf8447c1ab3/appdirs-1.4.3-py2.py3-none-any.whl
Collecting distlib<1,>=0.3.0 (from virtualenv)
  Using cached https://files.pythonhosted.org/packages/7d/29/694a3a4d7c0e1aef76092e9167fbc372e0f7da055f5dcf4e1313ec21d90a/distlib-0.3.0.zip
Collecting filelock<4,>=3.0.0 (from virtualenv)
  Downloading https://files.pythonhosted.org/packages/93/83/71a2ee6158bb9f39a90c0dea1637f81d5eef866e188e1971a1b1ab01a35a/filelock-3.0.12-py3-none-any.whl
Collecting six<2,>=1.9.0 (from virtualenv)
  Using cached https://files.pythonhosted.org/packages/65/eb/1f97cb97bfc2390a276969c6fae16075da282f5050082d4cb10c6c5c1da/six-1.14.0-py2.py3-none-any.whl
Installing collected packages: appdirs, distlib, filelock, six, virtualenv
  Running setup.py install for distlib ... done
Successfully installed appdirs-1.4.3 distlib-0.3.0 filelock-3.0.12 six-1.14.0 virtualenv-20.0.18
WARNING: You are using pip version 19.2.3, however version 20.0.2 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.

C:\Users\acer>
```

Kemudian *install* Jupyter menggunakan Instal JupyterLab dengan pip:

pip install jupyterlab

Setelah terinstal, luncurkan JupyterLab dengan:

jupyter lab

Buku Catatan Jupyter

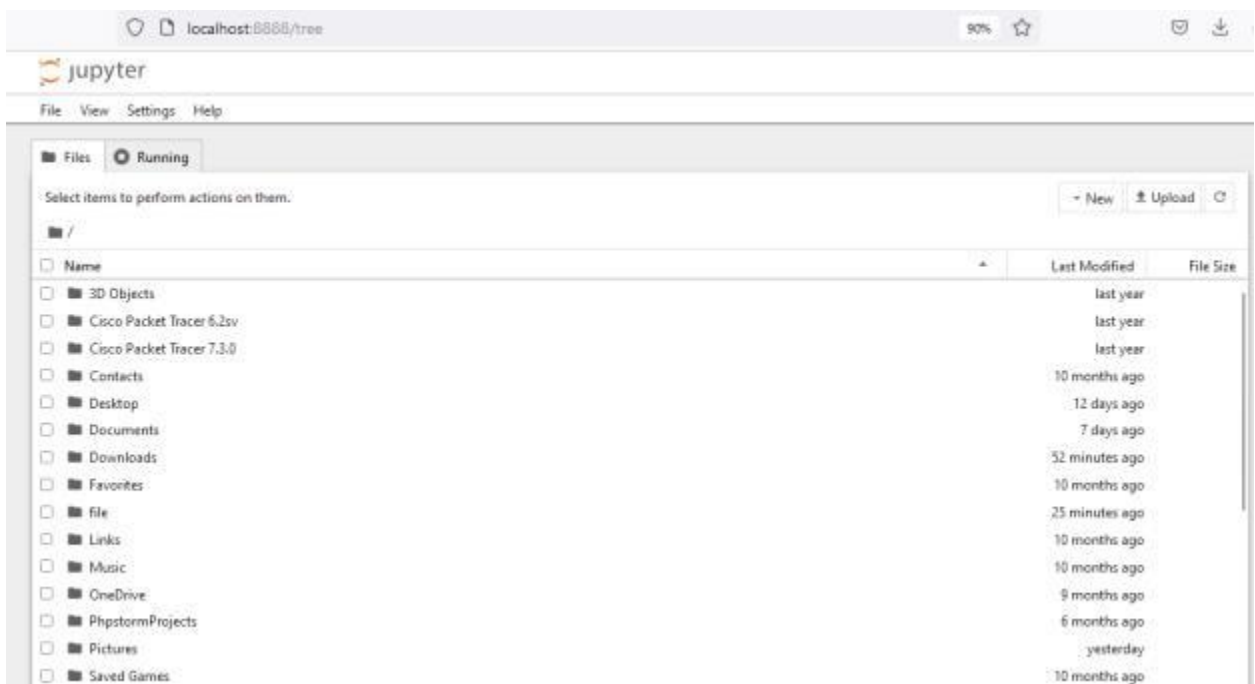
Instal Notebook Jupyter klasik dengan:

pip install notebook

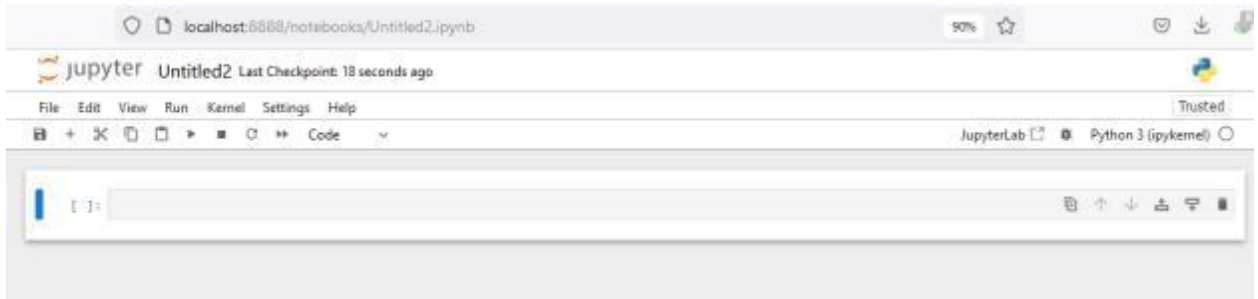
Untuk menjalankan Jupyter Notebook, ketikkan perintah “**jupyter notebook**” pada Command Prompt dan tekan *Enter*. Kemudian akan tampil jendela sebagai berikut.

```
Command Prompt - jupyter x + v
Microsoft Windows [Version 10.0.22621.2134]
(c) Microsoft Corporation. All rights reserved.

C:\Users\HERMANTO>jupyter notebook
[I 2023-09-06 10:31:28.744 ServerApp] Package notebook took 0.0000s to import
[I 2023-09-06 10:31:28.772 ServerApp] Package jupyter_lsp took 0.0253s to import
[W 2023-09-06 10:31:28.772 ServerApp] A '_jupyter_server_extension_points' function was not found in jupyter_lsp. Instead, a '_jupyter_server_extension_paths' function was found and will be used for now. This function name will be deprecated in future releases of Jupyter Server.
[I 2023-09-06 10:31:28.788 ServerApp] Package jupyter_server_terminals took 0.0155s to import
[I 2023-09-06 10:31:28.788 ServerApp] Package jupyterlab took 0.0000s to import
[I 2023-09-06 10:31:28.840 ServerApp] Package notebook_shim took 0.0000s to import
[W 2023-09-06 10:31:28.840 ServerApp] A '_jupyter_server_extension_points' function was not found in notebook_shim. Instead, a '_jupyter_server_extension_paths' function was found and will be used for now. This function name will be deprecated in future releases of Jupyter Server.
[I 2023-09-06 10:31:28.844 ServerApp] jupyter_lsp | extension was successfully linked.
[I 2023-09-06 10:31:28.848 ServerApp] jupyter_server_terminals | extension was successfully linked.
[I 2023-09-06 10:31:28.856 ServerApp] jupyterlab | extension was successfully linked.
[I 2023-09-06 10:31:28.867 ServerApp] notebook | extension was successfully linked.
[I 2023-09-06 10:31:29.291 ServerApp] notebook_shim | extension was successfully linked.
[I 2023-09-06 10:31:29.368 ServerApp] notebook_shim | extension was successfully loaded.
[I 2023-09-06 10:31:29.372 ServerApp] jupyter_lsp | extension was successfully loaded.
[I 2023-09-06 10:31:29.372 ServerApp] jupyter_server_terminals | extension was successfully loaded.
[I 2023-09-06 10:31:29.376 LabApp] JupyterLab extension loaded from C:\Users\HERMANTO\AppData\Local\Programs\Python\Python311\Lib\site-packages\jupyterlab
[I 2023-09-06 10:31:29.376 LabApp] JupyterLab application directory is C:\Users\HERMANTO\AppData\Local\Programs\Python\Python311\jupyterlab
```



Klik “New > Notebook” untuk membuka notebook baru. Dan sekarang Jupyter Notebook mu siap digunakan untuk mengeksplor data



Nah, sangat mudah bukan cara menginstall python dan Jupyter Notebook di Windows. See you di artikel selanjutnya.