

# TUTORIAL DE COMO INSTALAR LA LIBRERÍA PARA GENERAR GRAFICAS EN PYTHON Y LIBRERÍA REQUESTS CON VISUAL STUDIO CODE

AUTOR: JOSE ANTONIO MORA GUZMAN

15-OCTUBRE 2021

**PRIMERO DEBES ABRIR VISUAL STUDIO CODE, SI QUIERES SABER COMO INSTALARLO REvisa EL TUTORIAL QUE ESTA EN MI GITHUB DONDE EXPLICO COMO INSTALARLO**

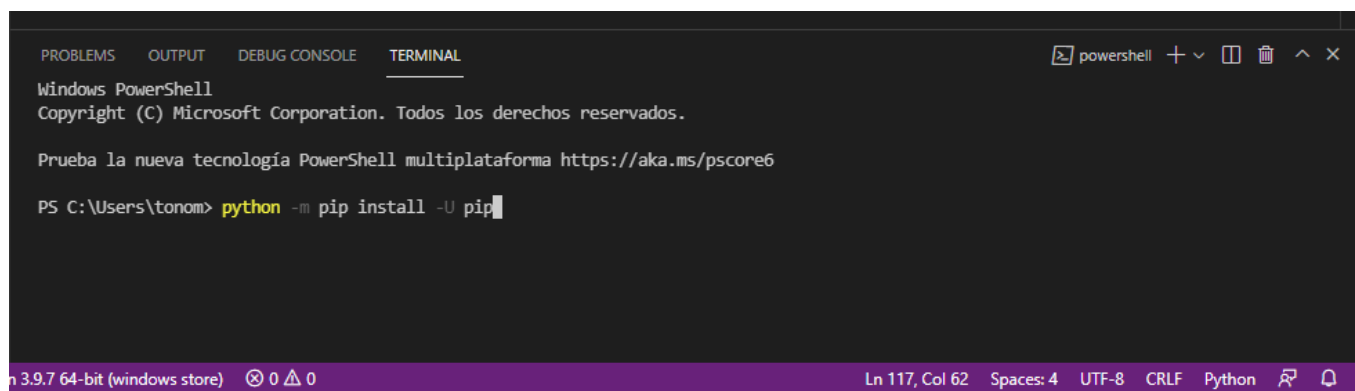
**UNA VEZ QUE ABRIMOS EL VSCODE APRETAMOS LA COMBINACION DE TECLAS**

Ctrl + shift + ñ

**O DAMOS CLIC EN EL MENU SUPERIOR EN TERMINAL Y NUEVA TERMINAL**

**NOS DEBE ABRIR UNA TERMINAL EN LA PARTE DE ABAJO DONDE ESCRIBIREMOS LO SIGUIENTE:**

Python -m pip install -U pip



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\Users\tonom> python -m pip install -U pip
```

h 3.9.7 64-bit (windows store) 0 0 0 Ln 117, Col 62 Spaces: 4 UTF-8 CRLF Python

**UNA VEZ HECHO ESTO DAMOS ENTER Y ESPERAMOS A QUE INSTALE, UNA VEZ INSTALADO NOS DEBE MOSTRAR LO SIGUIENTE:**

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
Collecting pip
  Downloading pip-21.3-py3-none-any.whl (1.7 MB)
    |████████████████████| 1.7 MB 344 kB/s
Installing collected packages: pip
  WARNING: The scripts pip.exe, pip3.9.exe and pip3.exe are installed in 'C:\Users\tonom\AppData\Local\Packages\PythonSoftwareFoundat
ion.Python.3.9_qbz5n2kfra8p0\LocalCache\local-packages\Python39\Scripts' which is not on PATH.
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed pip-21.3
WARNING: You are using pip version 21.2.3; however, version 21.3 is available.
You should consider upgrading via the 'C:\Users\tonom\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.9_qbz5n2k
fra8p0\python.exe -m pip install --upgrade pip' command.
PS C:\Users\tonom> |
```

**Y PROCEDEMOS A ESCRIBIR EL SIGUIENTE COMANDO:**

`python -m pip install -U matplotlib`

**Y DAMOS ENTER**

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
PS C:\Users\tonom> python -m pip install -U matplotlib
Collecting matplotlib
  Downloading matplotlib-3.4.3-cp39-cp39-win_amd64.whl (7.1 MB)
    |████████████████████| 7.1 MB 2.2 MB/s
Collecting cycler>=0.10
  Downloading cycler-0.10.0-py2.py3-none-any.whl (6.5 kB)
Collecting pillow>=6.2.0
  Downloading Pillow-8.4.0-cp39-cp39-win_amd64.whl (3.2 MB)
    |████████████████████| 3.2 MB 1.6 MB/s
Collecting python-dateutil>=2.7
  Downloading python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
    |████████████████████| 247 kB 656 kB/s
```

## Y AL FINALIZAR DEBE SALIR LO SIGUIENTE:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Collecting pyparsing>=2.2.1
  Downloading pyparsing-2.4.7-py2.py3-none-any.whl (67 kB)
    | 67 kB 273 kB/s
Collecting six
  Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil, pyparsing, pillow, numpy, kiwisolver, cyclus, matplotlib
WARNING: The script f2py.exe is installed in 'C:\Users\tonom\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.9_qbz5n2kfra8p0\LocalCache\local-packages\Python39\Scripts' which is not on PATH.
Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed cyclus-0.10.0 kiwisolver-1.3.2 matplotlib-3.4.3 numpy-1.21.2 pillow-8.4.0 pyparsing-2.4.7 python-dateutil-2.8.2 six-1.16.0
PS C:\Users\tonom>
```

## DE LA MISMA MANERA INSTALAMOS LA LIBRERÍA REQUESTS CON EL SIGUIENTE COMANDO:

pip install requests

## Y DEBE SALIR ESTO AL FINALIZAR

```
Collecting urllib3<1.27,>=1.21.1
  Downloading urllib3-1.26.7-py2.py3-none-any.whl (138 kB)
    | 138 kB 3.3 MB/s
Collecting idna<4,>=2.5
  Downloading idna-3.3-py3-none-any.whl (61 kB)
    | 61 kB 1.9 MB/s
Installing collected packages: urllib3, idna, charset-normalizer, certifi, requests
WARNING: The script normalizer.exe is installed in 'C:\Users\tonom\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.9_qbz5n2kfra8p0\LocalCache\local-packages\Python39\Scripts' which is not on PATH.
Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed certifi-2021.10.8 charset-normalizer-2.0.7 idna-3.3 requests-2.26.0 urllib3-1.26.7
PS C:\Users\tonom>
```

**PARA FINALIZAR AGREGAMOS AL PATH LA RUTA QUE NOS DICE EN AMARILLO QUE WHICH IS NOT ON PATH**

**EN MI CASO ES LA SIGUIENTE RUTA:**

C:\Users\tuusuario\AppData\Local\Packages\PythonSoftware Foundation.Python.3.9\_qbz5n2kfra8p0\LocalCache\local-packages\Python39\Scripts

**CAMBIA TUUSUARIO POR TU NOMBRE DE USUARIO**

**SI NO SABES COMO AGREGAR AL PATH VE EL TUTORIAL DE COMO INSTALAR PYTHON AHI EXPLICO EL PROCEDIMIENTO PARA AGREGAR INSTANCIAS AL PATH**

**ESPERO TE HAYA SERVIDO**