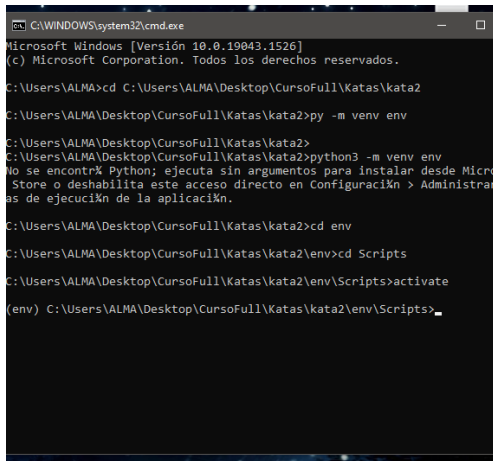


Crear un entorno virtual

Llamado el módulo **venv**

Activar el entorno virtual



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Versión 10.0.19043.1526]
(c) Microsoft Corporation. Todos los derechos reservados.

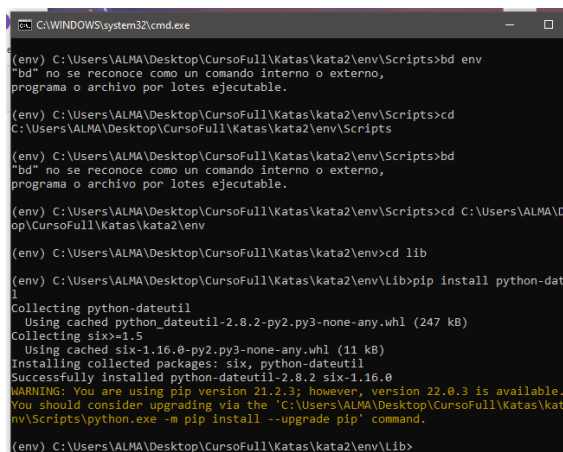
C:\Users\ALMA>cd C:\Users\ALMA\Desktop\CursoFull\Katas\kata2

C:\Users\ALMA\Desktop\CursoFull\Katas\kata2>py -m venv env

C:\Users\ALMA\Desktop\CursoFull\Katas\kata2>
C:\Users\ALMA\Desktop\CursoFull\Katas\kata2>python3 -m venv env
No se encontró Python; ejecuta sin argumentos para instalar desde Microsoft Store o deshabilita este acceso directo en Configuración > Administrar aplicaciones de ejecución de la aplicación.

C:\Users\ALMA\Desktop\CursoFull\Katas\kata2>cd env
C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env>cd Scripts
C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts>activate
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts>
```

Instalar un paquete



```
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts>bd env
"bd" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts>cd
C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts

(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts>bd
"bd" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts>cd C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env

(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env>cd lib

(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting six>=1.5
  Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2 six-1.16.0
WARNING: You are using pip version 21.2.3; however, version 22.0.3 is available.
You should consider upgrading via the 'C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts\python.exe -m pip install --upgrade pip' command.

(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>
```

Ver paquete instalado

```
C:\WINDOWS\system32\cmd.exe
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts>cd C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env>cd lib
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting six>=1.5
  Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2 six-1.16.0
WARNING: You are using pip version 21.2.3; however, version 22.0.3 is available.
You should consider upgrading via the 'C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts\python.exe -m pip install --upgrade pip' command.
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>pip freeze
python-dateutil==2.8.2
six==1.16.0
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>
```

Desactivar el entorno virtual

```
C:\WINDOWS\system32\cmd.exe
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts>cd C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env>cd lib
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting six>=1.5
  Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2 six-1.16.0
WARNING: You are using pip version 21.2.3; however, version 22.0.3 is available.
You should consider upgrading via the 'C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts\python.exe -m pip install --upgrade pip' command.
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>pip freeze
python-dateutil==2.8.2
six==1.16.0
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>deactivate
C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>
```

Lista de paquetes, fuera del entorno virtual

```
C:\WINDOWS\system32\cmd.exe
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2 six-1.16.0
WARNING: You are using pip version 21.2.3; however, version 22.0.3 is available.
You should consider upgrading via the 'C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Scripts\python.exe -m pip install --upgrade pip' command.
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>pip freeze
python-dateutil==2.8.2
six==1.16.0
(env) C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>deactivate
C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>pip freeze
numpy==1.22.2
packaging==21.3
pillow==9.0.1
pyflakes==2.4.0
pyparsing==3.0.7
python-dateutil==2.8.2
six==1.16.0
C:\Users\ALMA\Desktop\CursoFull\Katas\kata2\env\Lib>
```