

Kata 2:

Crear un entorno virtual e instalar paquetes.

- **Paso 1.** Ubicarnos en el directorio donde deseamos generar nuestro Entorno Virtual.

```
C:\Users\Oscar\Desktop\INNOVACCION>cd Kata_2
```

- **Paso 2.** Crear el entorno virtual

```
C:\Users\Oscar\Desktop\INNOVACCION\Kata_2>python -m venv env
```

- **Paso 3.** Observar si el entorno se creo correctamente:

```
C:\Users\Oscar\Desktop\INNOVACCION\Kata_2>dir
```

```
02/11/2022  01:22 PM    <DIR>          .
02/11/2022  01:22 PM    <DIR>          ..
02/11/2022  01:22 PM    <DIR>          env
               0 File(s)              0 bytes
               3 Dir(s)  267,568,787,456 bytes free
```

- **Paso 4.** Activar el entorno, al activar (env) aparece junto a la ruta:

```
C:\Users\Oscar\Desktop\INNOVACCION\Kata_2>env\Scripts\activate
(env) C:\Users\Oscar\Desktop\INNOVACCION\Kata_2>
```

- **Paso 5.** Instalar un paquete.

Primero consultamos los paquetes existentes en el entorno:

```
(env) C:\Users\Oscar\Desktop\INNOVACCION\Kata_2>pip freeze
(env) C:\Users\Oscar\Desktop\INNOVACCION\Kata_2>
```

Instalamos un paquete y volvemos a consultar:

```
(env) C:\Users\Oscar\Desktop\INNOVACCION\Kata_2>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 20.1.1; however, version 22.0.3 is available.
You should consider upgrading via the 'c:\users\oscar\desktop\innovaccion\kata_2\python.exe -m pip --upgrade pip' command.

(env) C:\Users\Oscar\Desktop\INNOVACCION\Kata_2>pip freeze
python-dateutil==2.8.2
six==1.16.0

(env) C:\Users\Oscar\Desktop\INNOVACCION\Kata_2>
```

- **Paso 6:** Desactivamos el entorno:

```
(env) C:\Users\Oscar\Desktop\INNOVACCION\Kata_2>deactivate
C:\Users\Oscar\Desktop\INNOVACCION\Kata_2>
```