

```
!sudo apt install python3.10-venv --quiet
```

```

Reading package lists...
Building dependency tree...
Reading state information...
The following additional packages will be installed:
  python3-pip-whl python3-setuptools-whl
The following NEW packages will be installed:
  python3-pip-whl python3-setuptools-whl python3.10-venv
0 upgraded, 3 newly installed, 0 to remove and 45 not upgraded.
Need to get 2,473 kB of archives.
After this operation, 2,884 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 python3-pip-whl all 22.0.2+dfsg-1ubuntu0.4 [1,680 kB]
Get:2 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 python3-setuptools-whl all 59.6.0-1.2ubuntu0.22.04.1 [788 kB]
Get:3 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 python3.10-venv amd64 3.10.12-1~22.04.3 [5,716 B]
Fetched 2,473 kB in 0s (15.0 MB/s)
debconf: unable to initialize frontend: Dialog
debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 78.)
debconf: falling back to frontend: Readline
debconf: unable to initialize frontend: Readline
debconf: (This frontend requires a controlling tty.)
debconf: falling back to frontend: Teletype
dpkg-preconfigure: unable to re-open stdin:
Selecting previously unselected package python3-pip-whl.
(Reading database ... 121925 files and directories currently installed.)
Preparing to unpack .../python3-pip-whl_22.0.2+dfsg-1ubuntu0.4_all.deb ...
Unpacking python3-pip-whl (22.0.2+dfsg-1ubuntu0.4) ...
Selecting previously unselected package python3-setuptools-whl.
Preparing to unpack .../python3-setuptools-whl_59.6.0-1.2ubuntu0.22.04.1_all.deb ...
Unpacking python3-setuptools-whl (59.6.0-1.2ubuntu0.22.04.1) ...
Selecting previously unselected package python3.10-venv.
Preparing to unpack .../python3.10-venv_3.10.12-1~22.04.3_amd64.deb ...
Unpacking python3.10-venv (3.10.12-1~22.04.3) ...
Setting up python3-setuptools-whl (59.6.0-1.2ubuntu0.22.04.1) ...
Setting up python3-pip-whl (22.0.2+dfsg-1ubuntu0.4) ...
Setting up python3.10-venv (3.10.12-1~22.04.3) ...

```

```
!python3 -m venv my_env
```

```
!source my_env/bin/activate
```

```
import os
os.environ['VIRTUAL_ENV']
```

```

-----
KeyError                                Traceback (most recent call last)
<ipython-input-6-f203e59f65be> in <cell line: 2>()
      1 import os
----> 2 os.environ['VIRTUAL_ENV']

/usr/lib/python3.10/os.py in __getitem__(self, key)
    678         except KeyError:
    679             # raise KeyError with the original key value
--> 680             raise KeyError(key) from None
    681         return self.decodevalue(value)
    682

KeyError: 'VIRTUAL_ENV'

```

Next steps: [Explain error](#)

```
import sys
def in_venv():
    return sys.prefix != sys.base_prefix

in_venv()
```

```
False
```

```
import sys
print(sys.path)
```

```
['/content', '/env/python', '/usr/lib/python310.zip', '/usr/lib/python3.10', '/usr/lib/python3.10/lib-dynload', '', '/usr/local/lib']
```

