1: Install the Edge TPU runtime :

The Edge TPU runtime provides the core programming interface for the Edge TPU. You can install it on your host computer as follows, on Linux, on Mac, or on Windows

1a: On Linux

1.Add our Debian package repository to your system:

```
echo "deb https://packages.cloud.google.com/apt
coral-edgetpu-stable main" | sudo tee
/etc/apt/sources.list.d/coral-edgetpu.list
```

```
curl https://packages.cloud.google.com/apt/doc/apt-key.gpg |
sudo apt-key add -
```

```
sudo apt-get update
```

2.Install the Edge TPU runtime:

```
sudo apt-get install libedgetpu1-std
```

3.Now connect the USB Accelerator to your computer using the provided USB 3.0 cable. If you already plugged it in, remove it and replug it so the newly-installed `udev` rule can take effect.

2: Install the PyCoral library:

PyCoral is a Python library built on top of the TensorFlow Lite library to speed up your development and provide extra functionality for the Edge TPU.

We recommend you start with the PyCoral API, and we use this API in our example code below, because it simplifies the amount of code you must write to run an inference. But you can build your own projects using TensorFlow Lite directly, in either Python or C++.

To install the PyCoral library (and its dependencies), use the following commands based on your system.

2a: On Linux

If you're using Debian-based Linux system (including a Raspberry Pi), install PyCoral as follows:

```
sudo apt-get install python3-pycoral
```

Now you're ready to run an inference on the Edge TPU.