1. Introduction to OpenCV
OpenCV is an open source cross-platform computer vision and machine learning software library.

2. Install OpenCV-Python
The library of the ubuntu mate 20.04 system comes with the apt address of OpenCV, so you can directly enter the command to install it。
Input following command:
sudo apt install libopencv-dev python3-opencv

```
dofbot@Dofbot:~$ sudo apt install libopencv-dev python3-opencv
[sudo] password for dofbot:
Reading package lists... Done
Building dependency tree
Reading state information... Done
libopencv-dev is already the newest version (4.2.0+dfsg-5).
libopencv-dev set to manually installed.
```

3.Tset OpenCV-Python
3.1 Input following command to run Python3 environment
python3

```
dofbot@Dofbot:~$ python3
Python 3.8.5 (default, Jul 28 2020, 12:59:40)
[GCC 9.3.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

3.2 Import cv2 module
import cv2

3.3 Print out OpenCV-Python version
print(cv2.__version__)

```
>>> import cv2
>>> print(cv2.__version__)
4.2.0
>>>
```