**ACORN Python Dependencies**

**Install all dependencies via terminal:**

sudo apt-get install -y python3-pip python3-dev gpac

sudo python3 -m pip install --upgrade pip setuptools wheel

sudo apt install -y python3-pip python3-opencv python3-matplotlib python3-numpy python3-picamera python3-RPI.GPIO python3-libgpiod

sudo pip3 install imutils adafruit-circuitpython-dht

sudo apt upgrade – y  
sudo apt update

**Dependencies list:**

**Dev**

Sudo apt-get install python3-dev

**PIP**

sudo apt-get install python3-pip

**CV2**

sudo apt install python3-opencv

**Matplotlib & Numpy**

sudo apt install python3-matplotlib

**Numpy**

sudo apt install python3-numpy

**Picamera**

sudo apt install python3-picamera

**RPI.GPIO**

sudo apt install python3-RPI.GPIO

**Imutils**

sudo pip3 install imutils

**DHT**

sudo pip3 install --install-option="--force-pi" Adafruit\_DHT  
or

sudo pip3 install adafruit-circuitpython-dht

**libgpiod**

sudo apt install python3-libgpiod

**MP4 Box**

sudo apt-get install -y gpac