 **VCC** pin of the DHT11 to **3.3V** or **5V** on the Raspberry Pi.

 **GND** pin of the DHT11 to **Ground** on the Raspberry Pi.

 **DATA** pin of the DHT11 to a **GPIO pin** (e.g., GPIO 4).

 **Optional**: If your DHT11 has a fourth pin, it's usually **NC (Not Connected)**.

sudo apt update && sudo apt upgrade

cd ~/Desktop

mkdir dht\_test

cd ~/Desktop/dht\_test

python3 -m venv myenv

ls –l

source myenv/bin/activate

python3 -m pip install adafruit-circuitpython-dht

import time

import board

import adafruit\_dht

# Sensor data pin is connected to GPIO 4

sensor = adafruit\_dht.DHT22(board.D4)

# Uncomment for DHT11

#sensor = adafruit\_dht.DHT11(board.D4)

while True:

try:

# Print the values to the serial port

temperature\_c = sensor.temperature

temperature\_f = temperature\_c \* (9 / 5) + 32

humidity = sensor.humidity

print("Temp={0:0.1f}ºC, Temp={1:0.1f}ºF, Humidity={2:0.1f}%".format(temperature\_c, temperature\_f, humidity))

except RuntimeError as error:

# Errors happen fairly often, DHT's are hard to read, just keep going

print(error.args[0])

time.sleep(2.0)

continue

except Exception as error:

sensor.exit()

raise error

time.sleep(3.0)

GO to the desktop and open dht\_test file

Then save this program their temp.py

Go to same terminal and run the program temp.py