# DEVELOP THE PYTHON SCRIPT

| Date | 05 NOVEMBER 2022 |
|------|------------------|
| Team ID | PNT2022TMID30307 |
| Project Name | Signs with Smart Connectivity for better Road Safety. |

## Python code

```python
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "l3d3kw",
        "typeId": "Sprint",
        "deviceId":"Sprint-2"
    },
    "auth": {
        "token":"9384330400"
    }
}

def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    m=cmd.data['command']

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
    temp=random.randint(0,125)
    hum=random.randint(0,100)
    myData={'temperature':temp, 'humidity':hum}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
    print("Published data Successfully: %s", myData)
    client.commandCallback = myCommandCallback
    time.sleep(2)
client.disconnect( )
```