

## Signs with Smart Connectivity for Better Road Safety

### DEVELOP THE PYTHON SCRIPT & PUSH DATA TO CLOUD

#### PYTHON CODE :

```
newcomer@shahid:~$ cd /home/newcomer/Projects/Signs with Smart Connectivity for Better Road Safety/ && python3 main.py 0.7.0
Python code
# IMPORT SECTION STARTS
import wiotp.sdk.Device # python -m pip install wiotp
import time
import random
import sys
import json

# IMPORT SECTION ENDS

# API CONFIG SECTION STARTS
myConfig = {
    "identity": {
        "clientId": "device",
        "typeId": "testdevice",
        "deviceId": "device"
    },
    "auth": {
        "token": "Iraa7oKdellpg8W11"
    }
}

# API CONFIG SECTION ENDS

# FUNCTIONS SECTION STARTS
def myCommandCallbackCmd():
    print("received cmd : ",cmd)

def logDataToCloud(location,temperature,visibility):
    client = wiotp.sdk.Device.DeviceClient(config=myConfig,logHandlers=[None])
    client.connect()
    client.publishEvent(eventId="status",msgFormat="json",data={
        "temperature": 11(28,35) ,
        "visibility": 11(54,70),
        "location": "Channel,IN"
    }, qos=0, onPublish=None)
    client.commandCallback = myCommandCallback
    client.disconnect()
    time.sleep(1)

# FUNCTIONS SECTION ENDS
```

OUTPUT :

