

# Signs with Smart Connectivity for Better Road Safety

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## PYTHON SCRIPT

```
publish.py - C:\Users\kgbar\OneDrive\Desktop\ibm\spring 2\publish.py (3.8.10)
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# Python code

# IMPORT SECTION STARTS

import wiotp.sdk.device # python -m pip install wiotp
import time

# IMPORT SECTION ENDS

# API CONFIG SECTION STARTS

myConfig = {
    "identity": {
        "orgId": "f59trr",
        "typeId": "testdevice",
        "deviceId": "device1"
    },
    "auth": {
        "token": "Jrwa7c80s2ZpqjWW18"
    }
}

# API CONFIG SECTION ENDS

# FUNCTIONS SECTION STARTS

def myCommandCallback(cmd):
    print("recieved cmd : ",cmd)

def logData2Cloud(location,temperature,visibility):
    client = wiotp.sdk.device.DeviceClient(config=myConfig,logHandlers=None)
    client.connect()
    client.publishEvent(eventId="status",msgFormat="json",data={
        "temperature": temperature,
        "visibility": visibility,
        "location": location
    },qos=0,onPublish=None)
    client.commandCallback = myCommandCallback
    client.disconnect()
    time.sleep(1)

# FUNCTIONS SECTION ENDS
```