Signs with Smart Connectivity for Better Road Safety

DEVELOP THE PYTHON SCRIPT & PUSH DATA TO CLOUD

PYTHON CODE :


```
publish.py - C:\Users\kgbar\OneDrive\Desktop\ibm\sprint 2\publish.py (3.8.10)                                              —   ☐   ×
File  Edit  Format  Run  Options  Window  Help
# 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" : "f59trs",
        "typeId" : "testdevice",
        "deviceId" : "device1"
    },
    "auth" : {
        "token" : "Jrwa7c8Os2Zpq)WW18"
    }
}

# 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
                                                                                                              Ln: 1  Col: 0
```

Signs with Smart Connectivity for Better Road Safety   TEAM ID -

OUTPUT :

Home

Visibility

40
%

0   100

Temperature

100
75
50
25
0
09:41:46   09:42:06   09:42:35

Location
Chennai,IN