

## Signs with Smart Connectivity for Better Road Safety

DATE	16 November 2022
TEAM ID	PNT2022TMID53946
PROJECT NAME	SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY SYSTEM

DEVELOP THE PYTHON SCRIPT

```
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# Python code

# IMPORT SECTION STARTS

import wiotp.sdk.device # python -m pip install wiotp
import time
import random import randint as ri

# IMPORT SECTION ENDS
# -----
# API CONFIG SECTION STARTS

myConfig = {
    "identity": {
        "orgId": "f59Ptra",
        "typeId": "testDevice",
        "deviceId": "device1"
    },
    "auth": {
        "token": "Jrwa7o8oe2pgjWW18"
    }
}

# API CONFIG SECTION ENDS
# -----
# FUNCTIONS SECTION STARTS

def myCommandCallback(cmd):
    print("received 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": ri(28,35) ,
        "visibility": ri(56,78),
        "location": "Chennai,IN"
    },qos=0,onPublish=None)
    client.commandCallback = myCommandCallback
    client.disconnect()
    time.sleep(1)

# FUNCTIONS SECTION ENDS
```



Edit with WPS Office

OUTPUT :

