Signs with Smart Connectivity for Better Road Safety

TEAM ID - PNT2022TMID10531

DEVELOP THE PYTHON SCRIPT & PUBLISH DATA TO THE IBM CLOUD

PYTHON CODE :

```python
# 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" : "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" : 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
```

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OUTPUT :