

Signs with Smart Connectivity for Better Road Safety

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DEVELOP THE PYTHON SCRIPT & PUSH DATA TO CLOUD

PYTHON CODE:

```
python code IBM-Project-30548-1660148322.py - C:/Users/user/AppData/Local/Programs/Python/Python38/python code IBM-Project-30548-1660148322.py (3.8.5)
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# Python code

# IMPORT SECTION STARTS

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

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

myConfig={
    "identity":{
        "orgid":"pd33m4",
        "typeId":"akila",
        "deviceId":"akila_1"
    },
    "auth":{
        "token":"MS)c7SjrY76XYvs(11"
    }
}

# API CONFIG STARTS ENDS
#-----
# FUNCTIONS SECTIONS STARTS
def myCommandcallback(cmd):
    print("received cmd : ",cmd)

def logData2Cloud(location,visibility,temperature):
    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":"Theni,IN"
    },qos=0,onPublish=None)
    client.commandcallback = myCommandcallback
    client.disconnect()
    time.sleep(1)
#FUNCTIONS SECTION ENDS
```

OUTPUT:

