

## DEVELOP THE PYTHON SCRIPT & PUSH DATA TO CLOUD

### PYTHON CODE :

```
1 import wiotp.sdk.device
2 import time
3 from random import randint as ri
4
5 myConfig = {
6     "identity" : {
7         "orgId" : "epmoec",
8         "typeId" : "testDevice",
9         "deviceId" : "device0"10
10     },
11     "auth" : {
12         "token" : "?-KDXUPMvDo_TK2&b1"13
13     }
14 }
15
16 def myCommandCallback(cmd):
17     print("recieved cmd :",cmd)
18
19
20 client = wiotp.sdk.device.DeviceClient(config=myConfig,logHandlers=None)
21 client.connect()
22
23 while True:
24     client.publishEvent(eventId="status",msgFormat="json",data={
25         "temperature" : ri(28,35),
26         "visibility" : ri(56,78),
27         "location" : "Chennai,IN"
28     },qos=0,onPublish=None)
29     client.commandCallback = myCommandCallback
30     time.sleep(1)
31
32 client.disconnect()
```

# Gas leakage monitoring and alerting system TEAM ID –PNT2022TMID18989

## OUTPUT :

