

## CODE:

```
#IBM WATSON IOT PLATFORM
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "x390n3",
        "typeId": "Publish",
        "deviceId": "9442432"
    },
    "auth": {
        "token": "123456789"
    }
}

def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" %
        cmd.data['command'])
    m=cmd.data['command']

client = wiotp.sdk.device.DeviceClient(config=myConfig,
    logHandlers=None)
client.connect()

while True:
    temp=random.randint(-20,125)
    hum=random.randint(0,100)
    Gas=random.randint(0,500)
    myData={'temperature':temp, 'humidity':hum, 'Gasflow':Gas}
    client.publishEvent(eventId="status", msgFormat="json",
        data=myData, qos=0, onPublish=None)
    print("Published data Successfully: %s", myData)
    client.commandCallback = myCommandCallback
    time.sleep(2)
    client.disconnect()
```