

PYTHON CODE TO PUBLISH DATA TO IBM CLOUD

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Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

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```
son IOT Platform#pip
install wiotp-sdk import
wiotp.sdk.device import
timeimport random
myConfig = {

"identity ": {
"orgId": "sbg7eg",
"typeId":"15548_device",
"deviceId":"15548"
},
"auth": {
"token": "Y+qAU89IG2uOhcM@hw"

}
}
```

```
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: gas=random.randint(0,100)
    temp=random.randint(0,100)
    hum=random.randint(0,100)
    pre=random.randint(0,100)
    myData={'Hazardous Gas':gas, 'Temperature':temp, 'Humidity':hum, 'Pressure':pre }
    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()
```