

# PYTHON CODE TO PUBLISH DATA TO IBM CLOUD

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<b>Project Name</b>	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES
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## Python Code:

```
import wiotp.sdk.device

import time
import random

myConfig = {
    "identity": {
        "orgId": " 62uo9n",
        "typeId": "devicetype_deva",
        "deviceId": "deviceid_DP"
    },
    "auth": {
        "token": "ME1p_CNdDHON4CcHV"
    }
}

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)
myData = {'Hazardous Gas':gas, 'Temperature':temp, 'Humidity':hum}
client.publishEvent(eventId="status", msgFormat="json", data=myData,qos=0,
onPublish=None) print("Published data Successfully: %s", myData)
client.commandCallback =
myCommandCallbacktime.sleep(2) client.disconnect()
```