

# PYTHON CODE TO PUBLISH DATA TO IBM CLOUD

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Project Name	Gas leakage monitoring and alerting system and industries

```
#IBM    Watson    IOT
Platform    #pip    install
wiotp-sdk        import
wiotp.sdk.device    import
time    import    random
myConfig = {
"identity": {
    "orgId": "yf0dyy ",
    "typeId": "Nazeer ",
    "deviceId": "12345"
},
"auth": {
    "token": "VJTDPRX@f&4Vuox8ms "
}
}
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()
```