PYTHONCODETOPUBLISHDATATOIBMCLOUD

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ProjectName	GASLEAKAGEMONITORINGANDALERTINGSYSTEMFORINDUSTRIES

```python
#IBM Watson

IOTPlatform #pip

installwiotp-sdk

importwiotp.sdk.devi

ceimport

timeimportrandom

myConfig

  = {

  "identity

  ": {

    "orgId":

    "v2g696","typeId":

    "sairaj","deviceI

    d":"12345"

  },

  "auth": {

    "token": "123456789 "

  }

}
def myCommandCallback(cmd):

  print("MessagereceivedfromIBMIoTPlatform:%s"%cmd.dat

  a['command']) m=cmd.data['command']
```

```python
    client
=wiotp.sdk.device.DeviceClient(config=myConfig,l
ogHandlers=None)client.connect()

whileTrue:gas=random.randint(0,100)tem
    p=random.randint(0,1

    00)

    hum=random.randint(0,100)

    pre=random.randint(0,100

    )

    myData={'HazardousGas':gas,'Temperature':temp,'Humidity':hum,'Pressure':pre}client.p

    ublishEvent(eventId="status",msgFormat="json",data=myData,

    qos=0, onPublish=None)

    print("PublisheddataSuccessfully:                    %s",

    myData)client.commandCallback=myCommandCallbac

    ktime.sleep(2)
client.disconnect()
```