

## ***PYTHON CODE TO PUBLISH DATA TO IBM CLOUD***

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<b>Project Name</b>	HAZARDOUS AREA MONITORING FOR PLANT POWERED BY IOT
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### ***Python Code:***

```
import
    wiot

p.sdk.device

import time

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my

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nfi

g =

{

    "identity": {
```

```

    "orgId": "u0b4fr ",
    "typeId": "TestDrive
Device",
    "deviceId": "TestDri
veDevice_1"
},
    "auth": {
        "token": "8300113450"
    }
}

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,logHan
dlers=None) client.connect()

while True:
    gas=random.ra
ndint(0,100)

    temp=random.randint(0,100)    hum=random.randint(0,100)    myData={'Hazardous    Gas':gas,'Tem
client.commandCallback = myCommandCallbacktime.sleep(2)client.disconnect

```