PYTHON CODE TO PUBLISH DATA TO IBM CLOUD

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Python Code:

```
import    wiotp.sdk.device

import time

import random

myConfig = {

   "identity": {

   "orgId": "u0b4fr ",

   "typeId":"TestDriveDevice",

   "deviceId":"TestDriveDevice_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,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
```