PYTHON CODE TO PUBLISH DATA TO IBM CLOUD

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Project Name	REAL -TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

Python Code

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

    }
 }
```

```python
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: water=random.randint(0,100)

temp=random(0,100) hum=random.randint(0,100)

pre=random.random(0,100) myData={'Hazardous
WATER:water,
'Temparature';temp,'Humidity':hum,'Pressure':pre }clientpublishEventtid="status",

msgFormat="json",datmyData, qos=0, onPublish=None)


print("Published data successfully:%S",myData)
client.commandCallback = myCommandback time.sleep(2)
client.disconnect)
```