

PYTHON CODE:

```
#IBM Watson IOT
Platform#pip install
wiotp-sdk import
wiotp.sdk.device import
time
import
random
myConfig = {
    "identity": {
        "orgId":
        "fa4qjp",
        "typeId": "123",
        "deviceId":"123456
        7"
    },
    "auth": {
        "token": "12345678"
    }
}

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:
```

```
latitude=random.uniform(27.2046,125.25)
longitude=random.uniform(77.4977,100.1526)
binlevel=random.randint(10,100)
if binlevel >= 90:
    myData={'latitude':latitude, 'longitude':longitude,'binlevel':binlevel}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0,
onPublish=None)
    ##print("Published data Successfully: %s",
    myData)print("!!!!!!!BIN IS FULL!!!!!!!
    ",myData)
    client.commandCallback =
    myCommandCallbacktime.sleep(2)
else :
    print("BIN IS IN NORMAL LEVEL")
    time.sleep(2)

client.disconnect()
```