

## Develop the Python Script

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Project Name	Industry-specific intelligent fire management system
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**Develop a python code for publishing random sensor data (Fire, Temperature if required humidity) to the IBM IoT Platform.**

```
import wiotp.sdk.device
import time
import random
myConfig = { "identity": {"orgId": "0bm892", "typeId": "NodeMcu", "deviceId": "1234"}, "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:
        temp=random.randint(-20,125)
        hum=random.randint(0,100)
        myData={'temperature':temp, 'humidity':hum}
        client.publishEvent(eventId="status", msgFormat="json", data=myData,qos=0, onPublish=None)
        print("Published data Successfully: %s", myData)
        client.commandCallback = myCommandCallback
        time.sleep(2)
    client.disconnect()
```