

Develop the Python Script

(Publish data to IBM cloud)

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Team ID	PNT2022TMID14319
Project Name	Industry-specific intelligent fire management system

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Program :

```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random

myConfig = {"identity":
{
    "orgId": "mmm555",
    "typeId": "NodeMCU",
    "deviceId": "123456" },
    "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()
```