

# Develop the Python Script

(Develop a Python script)

Team ID	PNT2022TMID11818
Project Name	Industry-specific intelligent fire management system

**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()
```