

Develop the Python Script

(Develop a Python script)

Team ID	PNT2022TMID15750
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()
```