## DEVELOP A PYTHON SCRIPT (PUBLISH DATA TO IBM CLOUD)

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TEAM ID	PNT2022TMID14209
PROJECT NAME	INDUSTRY-SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

## **PROGRAM:**

```
#IBM Watson IOT
Platform #pip install
wiotp-sdk import
wiotp.sdk.device
import time import
random
myConfig = {
  "identity": {
    "orgId": "kojkab",
    "typeId": "1234",
    "deviceId":"lee123"
  },
 "auth": {
    "token": "987456321"
  }
}
```

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()







