PYTHON CODE

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Team ID	PNT2022TMID11052
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

```
import wiotp.sdk.device
import time
import random
myConfig = {"identity": {"orgId": "8u6vu9","typeId":
"12345678","deviceId":"12345678"},"auth": {"token":
"G4VznMz04rN?RgkJr8"}
}
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:
    gas=random.randint(0,100)
    temp=random.randint(0,100)
    hum=random.randint(0,100)
    pre=random.randint(0,100)
    myData={'Hazardous Gas':gas, 'Temperature':temp,
'Humidity':hum,'Pressure':pre }
    client.publishEvent(eventId="status",
msgFormat="json",data=myData,qos=0, onPublish=None)
    print("Published data Successfully: %s",myData)
    #client.commandCallback =myCommandCallbacktime.sleep(2)
    client.disconnect()
```

Python Output:-