

SPRINT 4

Team ID	PNT2022TMID06927
Project Name	Gas Leakage Detection and Alerting System for Industries

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:\Users\Gowtham S\AppData\Local\Programs\Python\Python37\GasLeakageDetectionAndAlertingIBMIoTPublishSubscribe.py
2022-11-19 13:23:28,062 ibmiotf.device.Client INFO Connected successfully: d:hbe7ek:ESP32:123
Published LPG Concentration = 6571 ppm Methane Concentration = 7693 ppm Benzene Concentration = 882 ppm to IBM Watson
Published LPG Concentration = 6539 ppm Methane Concentration = 3947 ppm Benzene Concentration = 980 ppm to IBM Watson
Published LPG Concentration = 9818 ppm Methane Concentration = 4208 ppm Benzene Concentration = 216 ppm to IBM Watson
Published LPG Concentration = 724 ppm Methane Concentration = 3560 ppm Benzene Concentration = 868 ppm to IBM Watson
Published LPG Concentration = 3038 ppm Methane Concentration = 6157 ppm Benzene Concentration = 910 ppm to IBM Watson
Published LPG Concentration = 9030 ppm Methane Concentration = 7749 ppm Benzene Concentration = 59 ppm to IBM Watson
Published LPG Concentration = 3102 ppm Methane Concentration = 4864 ppm Benzene Concentration = 45 ppm to IBM Watson
Published LPG Concentration = 5138 ppm Methane Concentration = 4618 ppm Benzene Concentration = 208 ppm to IBM Watson
Published LPG Concentration = 7540 ppm Methane Concentration = 601 ppm Benzene Concentration = 813 ppm to IBM Watson
Published LPG Concentration = 2290 ppm Methane Concentration = 584 ppm Benzene Concentration = 754 ppm to IBM Watson
Published LPG Concentration = 8278 ppm Methane Concentration = 4664 ppm Benzene Concentration = 625 ppm to IBM Watson
Published LPG Concentration = 7489 ppm Methane Concentration = 3004 ppm Benzene Concentration = 286 ppm to IBM Watson
Published LPG Concentration = 8477 ppm Methane Concentration = 2143 ppm Benzene Concentration = 988 ppm to IBM Watson
Published LPG Concentration = 364 ppm Methane Concentration = 7486 ppm Benzene Concentration = 47 ppm to IBM Watson
Published LPG Concentration = 9007 ppm Methane Concentration = 1230 ppm Benzene Concentration = 803 ppm to IBM Watson
|
```

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device ID	Status	Device Type
123	Connected	ESP32

Items per page 50 | 1-1 of 1 item

Device Type: ESP32

Events 1 [New event type](#)

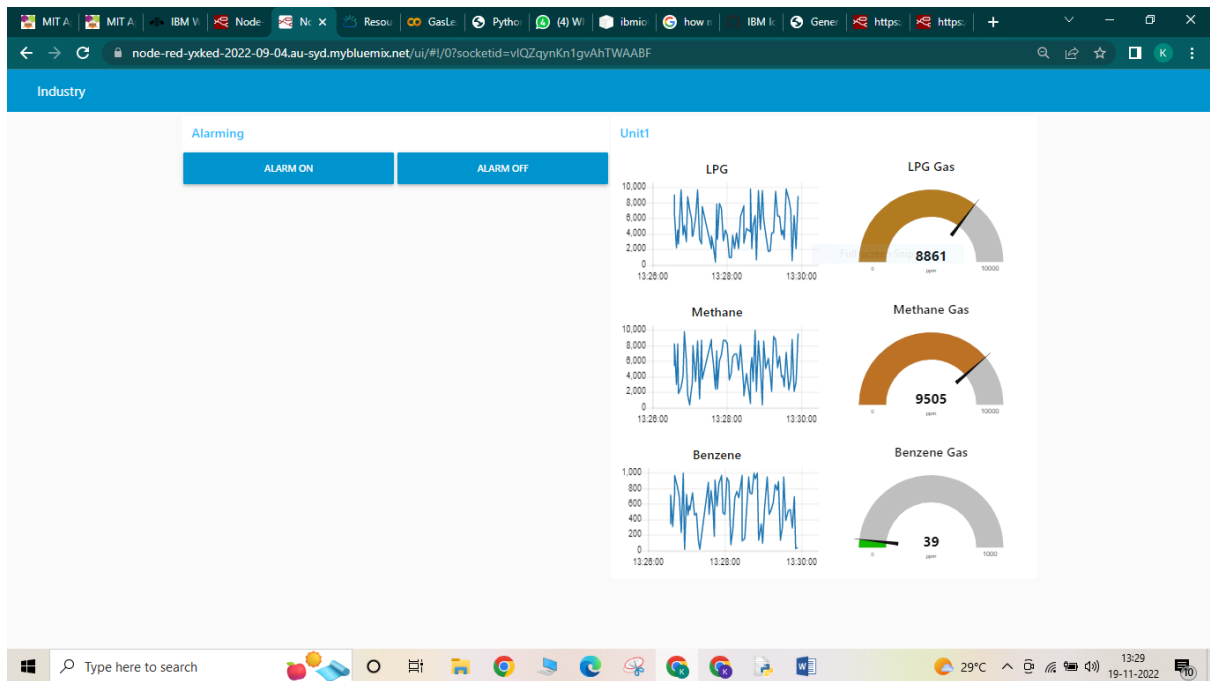
Event type name event_1 [Send](#) [Full-screen Snap](#)

Schedule 20 Every Minute

Payload Specify the event payload in the editor window or by uploading a CSV file.

```
0 {
1  "MQ6_Sensor": random(200, 10000)
2  "MQ4_Sensor": random(300, 10000)
3  "MQ135_Sensor": random(10, 1000)
4 }
5
```

[Upload a CSV file](#) [Cancel](#) [Save](#)



Unit 1

LPG :not found

Methane :not found

Benzene :not found

ALARM

Switch ON

Switch OFF