

DEVELOP A PYTHON SCRIPT AND SUBSCRIBE TO IBM IOT PLATFORM

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TEAM ID	PNT2022TMID20495
PROJECT NAME	GAS LEAKAGE MONITORING & ALTERING SYSTEM FOR INDUSTRIES

EVENT GENERATION:

Source code is deployed on IBM Watson IOT platform to generate sensor data

SOURCE CODE:

```
{  
    "temp":random(0,100)  
    "Humid":random(0,100)  
    "gas":random(0,100)  
}
```

The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar is present with the text 'Search by Device ID'. The main content area shows a list of devices. One device, '14072002', is highlighted, showing its status as 'Connected' and its type as 'IOT_GAS_LEAKAGE_MONITORING'. Below the device list, a 'Recent Events' tab is selected, displaying a table of events. The table has columns for 'Event', 'Value', 'Format', and 'Last Received'. The events listed are JSON strings representing sensor data. The bottom of the dashboard shows a status bar with '1 of 1 page' and a '1' dropdown menu.

Event	Value	Format	Last Received
Data	{"Distance":89.98,"ALERT!":"Distance less than ...	json	a few seconds ago
Data	{"Distance":89.98,"ALERT!":"Distance less than ...	json	a few seconds ago
Data	{"Distance":90,"ALERT!":"Distance less than 10...	json	a few seconds ago