

Develop a python script and publish data to IBM Cloud

Date	11 November 2022
Team ID	PNT2022TMID40415
Project Name	Industry Specific- Intelligent Fire Management System

```

Python 3.8.0 Shell
File Edit Shell Debug Options Window
Python 3.8.0 (tags/v3.8.0:fa919fd,
D44) on win32
Type "help", "copyright", "credits"
>>>
===== RESTART: C:/Users/a
hazardous gas level = 79
temperature = 49
humidity = 42
pressure = 36
>>>

File Edit Format Run Options Window Help
import random
print("hazardous gas level = ",str(random.randint(0,100)))
print("temperature = ",str(random.randint(0,100)))
print("humidity = ",str(random.randint(0,100)))
print("pressure = ",str(random.randint(0,100)))
  
```

IBM Watson IoT Platform

demo123_2 Connected demo123 Device 12 Nov 2022 10:54 AM

Identity Device Information Recent Events State Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	("hazardous gas level":26,"temperature":27,"hu...	json	a few seconds ago
event_1	("hazardous gas level":44,"temperature":79,"hu...	json	a few seconds ago
event_1	("hazardous gas level":96,"temperature":25,"hu...	json	a few seconds ago
event_1	("hazardous gas level":88,"temperature":67,"hu...	json	a few seconds ago
event_1	("hazardous gas level":64,"temperature":35,"hu...	json	a few seconds ago

5 Simulations running

```
Python code: import random print("hazardous gas level =  
",str(random.randint(0,100))) print("temperature =  
",str(random.randint(0,100))) print("humidity =  
",str(random.randint(0,100))) print("pressure =  
",str(random.randint(0,100)))
```