

Publish Data to the IBM Cloud

```
*Python Code (1).py - C:\Users\Dell\Downloads\Python Code (1).py (3.7.0)*
File Edit Format Run Options Window Help

import time
import sys
import ibmiotf.application
import ibmiotf.device
import random

#Provide your IBM Watson Device Credentials
organization = "tdehp9"
deviceType = "Safety"
deviceId = "Fire"
authMethod = "token"
authToken = "wei1(9v_TQpMj_bsb-|"

# Initialize GPIO

Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
>>>
===== RESTART: C:\Users\Dell\Downloads\Python Code.py
=====
2022-11-10 10:56:14,751 ibmiotf.device.Client INFO Co
nnected successfully: d:tdehp9:Safety:Fire
Published Temperature = 76 C Humidity = 38 % to IBM Watson
Published Temperature = 93 C Humidity = 9 % to IBM Watson
Published Temperature = 37 C Humidity = 79 % to IBM Watson
Published Temperature = 12 C Humidity = 42 % to IBM Watson
Published Temperature = 73 C Humidity = 13 % to IBM Watson
Published Temperature = 99 C Humidity = 11 % to IBM Watson
Published Temperature = 81 C Humidity = 88 % to IBM Watson
Published Temperature = 50 C Humidity = 49 % to IBM Watson
Published Temperature = 77 C Humidity = 71 % to IBM Watson
```

Gmail
 YouTube
 Maps
 Paytm Secure Online...

?
 satheeshe.cse19@veltechnmultitech.org
ID: tdehp9

IBM Watson IoT Platform

Browse

Action

Device Types

Interfaces

Q

+

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added																									
▼ <input type="checkbox"/>	Fire	● Connected	Safety	Device	Nov 10, 2022 9:49 AM	→ ...																								
<div> <div>Identity</div> <div>Device Information</div> <div>Recent Events</div> <div>State</div> <div>Logs</div> <div>✕</div> </div> <p>The recent events listed show the live stream of data that is coming and going from this device.</p> <table> <thead> <tr> <th>Event</th> <th>Value</th> <th>Format</th> <th>Last Received</th> </tr> </thead> <tbody> <tr> <td>IoTSensor</td> <td>{"temp":81,"Humid":88}</td> <td>json</td> <td>a few seconds ago</td> </tr> <tr> <td>IoTSensor</td> <td>{"temp":99,"Humid":11}</td> <td>json</td> <td>a few seconds ago</td> </tr> <tr> <td>IoTSensor</td> <td>{"temp":73,"Humid":13}</td> <td>json</td> <td>a few seconds ago</td> </tr> <tr> <td>IoTSensor</td> <td>{"temp":12,"Humid":42}</td> <td>json</td> <td>a few seconds ago</td> </tr> <tr> <td>IoTSensor</td> <td>{"temp":37,"Humid":79}</td> <td>json</td> <td>a few seconds ago</td> </tr> </tbody> </table>							Event	Value	Format	Last Received	IoTSensor	{"temp":81,"Humid":88}	json	a few seconds ago	IoTSensor	{"temp":99,"Humid":11}	json	a few seconds ago	IoTSensor	{"temp":73,"Humid":13}	json	a few seconds ago	IoTSensor	{"temp":12,"Humid":42}	json	a few seconds ago	IoTSensor	{"temp":37,"Humid":79}	json	a few seconds ago
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