Publish Data to the ibm cloud

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Team ID	PNT2022TMID41908
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IoT

Code:

new.py - F:/ibm/new.py (3.6.5)

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```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "0z9ma9",
         "typeId": "NodeMCU",
         "deviceId":"8680"
     },
     "auth": {
         "token": "8680933262"
 }
}

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:
     temp=random.randint(-20,125)
     hum=random.randint(0,100)
     myData={'temperature':temp, 'humidity':hum}
     client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
     print("Published data Successfully: %s", myData)
     client.commandCallback = myCommandCallback
     time.sleep(2)
client.disconnect()
```

Output: