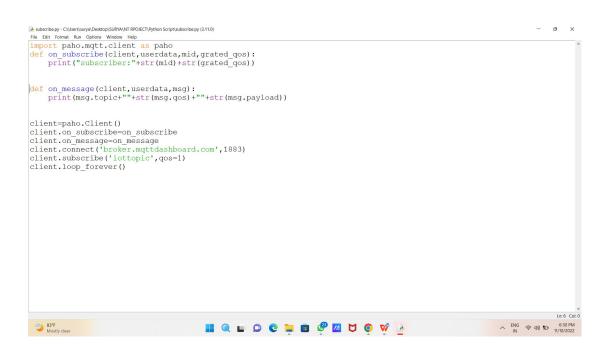
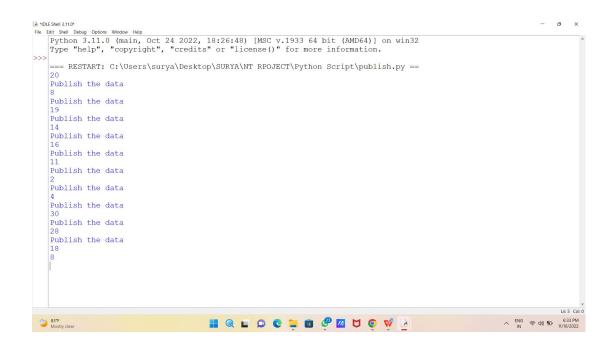
Publish Data to IBM cloud

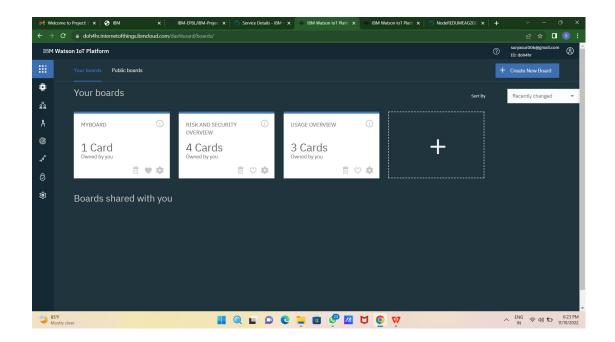
Date	30 October 2022
Team ID	PNT2022TMID09351
Project Name	Signs with Smart Connectivity for
	Better RoadSafety

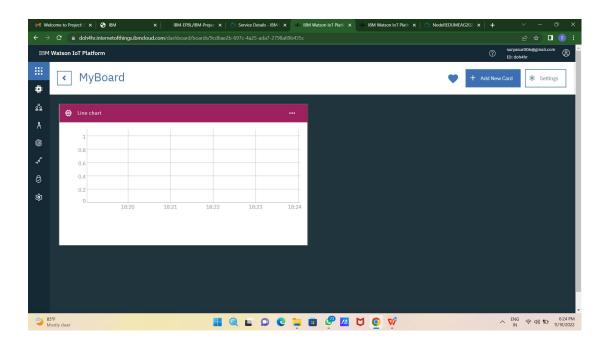
Python Code



```
| A Desire Processor College C
```







```
#IBM Watson IOT Platform

#pip install wiotp-sdk
import wiotp.sdk.device
import wiotp.sdk.application
import time
import random

myConfig = {
    "identity": {
        "orgld": "doh4hr",
        "typeld": "NodeMCU",
        "deviceld":"12345" },
        "auth": { "token": "123456789" }
```

```
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()
```