| TEAMID | PNT2022TMID30894 |
|--------------|-----------------------------------|
| PROJECT NAME | Smart Waste Management System for |
| | Metropolitan Cities |

Publish Data to the IBM Cloud

```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = { "identity":
{
"orgld": "hj5fmy",
"typeId": "NodeMCU",
"deviceId":"12345" },
"auth": { "token": "12345678" }
}
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()





