TEAM ID	PNT2022TMID12757
PROJECT NAME	Smart Waste Management System forMetropolitan Cities
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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()





