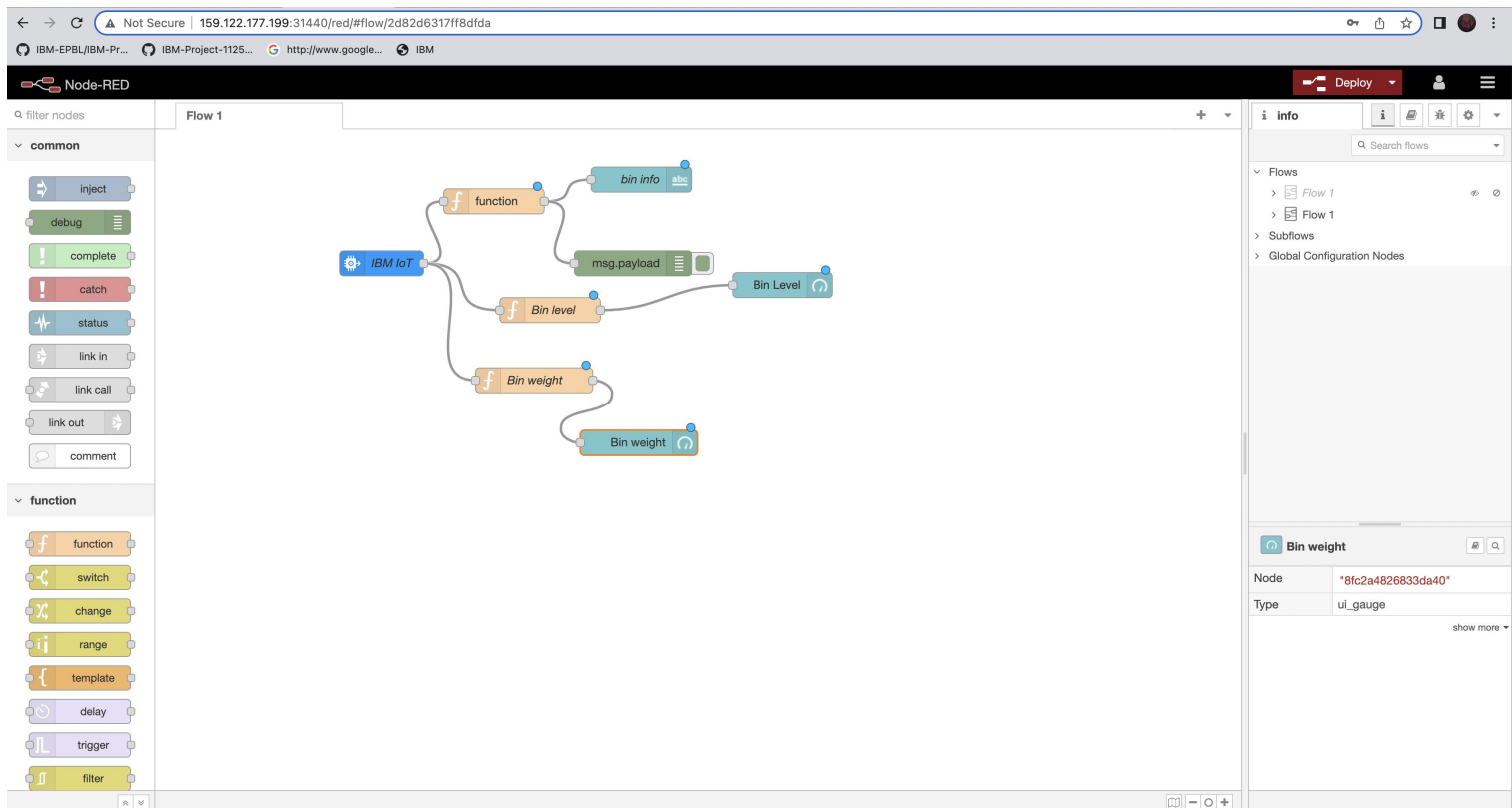


# NODE RED OUTPUT



# PYTHON CODE

```
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "4tltf9",
        "typeId": "New-IOT",
        "deviceId": "BIN-1"),
    "auth": {
        "token": "BF_FnJT+nE6Sqcf+++"
    }
}

def myCommandCallback(cmd):
    print ("Message received from IEM IoT Platform: %s" % cmd.data['command'])
    m=cmd.data['command']
client = wiotp.sdk.device.DeviceClient (config=myConfig, logHandler = None)
client.connect()
while True:
    latitude=random.uniform (27.2046,125.25)
    longitude=random. uniform (77.4977,100.1526)
    binlevel=random.randint (10, 100)
    if binlevel >= 90:
        myData={'latitude': latitude, 'longitude':longitude, 'binlevel':binlevel)
        client.publishEvent (eventId = "status", msgFormat="json", data=myData, qos=0,
onPublish = None) #print ("Published data Successfully: ", myData)
        print ("BIN IS FULL!!!!", myData)
        client.commandCallback= myCommandCallback
        time.sleep (2)
    else:
        print("BIN IS IN NORMAL LEVEL")
        time.sleep (2)
client.disconnect()
```