

Date	12 November 2022
Team ID	PNT2022TMID44152
Project Name	IoT Based Safety Gadget For Child Safety Monitoring And Notification

### **Develop A Python Script to Publish Location Info To IBM IoT Platform**

#### **PYTHON CODE:**

```

import json
import wiotp.sdk.device
import time
myConfig={
"identity":{
"orgId":"hj5fmy",
"typeId": "NodeMCU",
"deviceId":"12345"
},
"auth":{
"token":"12345678"
}
}
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
while True:
    name="smartbridge"
    #in area location
    #latitude=17.421927 2
    #longitude=78.5488 783
    #out area location
    latitude=17.4219272
    longitude=78.5488783
    myData={'name':name,'lat':latitude,'log':longitude}
    client.publishEvent(eventId="status",msgFormat="json",data=myData,qos=0,onpublish=None)
    print("Data published to IBM IOT platform:",myData)
    time.sleep(5)
client.disconnect()

```