

## PYTHON SCRIPT TO PUBLISH DATA TO IBM CLOUD

Date	12 SEPTEMBER 2022
Team ID	PNT2022TMID26648
Project Name	<b>Project</b> -Smart Waste Management System in Metropolitan Cities.
Maximum Marks	8 Marks

### PYTHON CODE:

```
import wiotp.sdk.device
import time import json
myConfig = {
    "identity": {
        "orgId": "1086aa",
        "typeId": "scriptpy",
        "deviceId": "12345"
    },
    "auth": {
        "token": "123456789"
    }
}
```

```
client = wiotp.sdk.device.DeviceClient(config=myConfig,
logHandlers=None) client.connect()
```

```
while True:
    name="smartbridge"
    latitude=17.4225176
    longitude=70.5450042
    myData={'name': 'name', 'lat': latitude, 'lon': longitude}
    client.publishEvent(eventId="status", msgFormat="json",
data=myData, qos=0, onPublish=None)
```

## PUBLISH DATA TO IBM CLOUD OUTPUT



The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
status	{"name":"name","lat":17.4225176,"lon":70.545...	json	a few seconds ago
status	{"name":"name","lat":17.4225176,"lon":70.545...	json	a few seconds ago
status	{"name":"name","lat":17.4225176,"lon":70.545...	json	a few seconds ago
status	{"name":"name","lat":17.4225176,"lon":70.545...	json	a few seconds ago
status	{"name":"name","lat":17.4225176,"lon":70.545...	json	a few seconds ago