

Build Python Code:

- Importing the necessary Libraries.

```
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=17.4219272
```

```
    #longitude=78.5488783
```

```
    #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()
```