Develop a Python Script
Publish data to IBM Cloud

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Project Name	Project: Signs with Smart Connectivity for Better Road Safety.

Develop a python script to publish random sensor data such as temperature, humidity and visibility to the IBM IoT Platform

#IBM Watson IOT Platform
#pip install wiotp-sdk

```python
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "33lnun",
        "typeId": "PNT2022TMID47485",
        "deviceId":"PNT2022TMID47485"
    },
    "auth": {
        "token": "BGM(9-Tgfy&lrHmglp"
    }
}

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(0,100)
    humid=random.randint(0,100)
    visi=random.randint(0,100)
    myData={'temperature':temp, 'humidity':hum, 'visibility':visi}
    client.publishEvent(eventId="status", msgFormat="json", data=myData,
qos=0,        onPublish=None)
    print("Published data Successfully in IBM cloud: %s", myData)
```

```
    client.commandCallback = myCommandCallback
    time.sleep(2)
client.disconnect()
```