

# PYTHON DATA:

Date	16 OCTOBER 2022
Team Leader	VISHNU KUMAR N
Team Members	SURESH S MATHAN KUMAR T SASI KUMAR K
Project Name	REAL TIME RIVER WATER QUALITY MONITERING AND CONTROL SYSTEM

```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\Krishna>iot1.py
Traceback (most recent call last):
  File "C:\Users\Krishna\iot1.py", line 1, in <module>
    import wiotsdk
ModuleNotFoundError: No module named 'wiotsdk'

C:\Users\Krishna>iot1.py
2022-11-20 08:20:50.056 wiotsdk.device.client.DeviceClient INFO Connecting to IoT Hub
d successfully: dtttr4tynddeviceid:123456
Published data Successfully: %s {'temperature': 119, 'humidity': 59}
Published data Successfully: %s {'temperature': -1, 'humidity': 99}
Published data Successfully: %s {'temperature': 39, 'humidity': 32}
Published data Successfully: %s {'temperature': 102, 'humidity': 38}
Published data Successfully: %s {'temperature': 109, 'humidity': 36}
Published data Successfully: %s {'temperature': 79, 'humidity': 45}
Published data Successfully: %s {'temperature': 65, 'humidity': 74}
Published data Successfully: %s {'temperature': 87, 'humidity': 72}
Published data Successfully: %s {'temperature': 44, 'humidity': 10}
Published data Successfully: %s {'temperature': 97, 'humidity': 34}
Published data Successfully: %s {'temperature': 2, 'humidity': 54}

Platform: %s" % cmd.data['command'])

onfig=myConfig, LogHandlers=None)

/:hum}
, msgFormat="json", data=myData, qos=0, o
%s", myData)
llback
```

IBM Watson IoT Platform

822719104054@smartinternz.com  
ID: tt44y

Browse Action Device Types Interfaces

Add Device

ID	Status	Device Type	Device	Last Seen
12345	Disconnected	testDeviceType	Device	Oct 22, 2022 7:47 PM
123456	Disconnected	mydevice1	Device	Nov 19, 2022 9:30 PM

Identity Device Information Recent Events State Logs

Showing Raw Data | No Interfaces Available

Property	Value	Type	Event	Last Received
temperature	12	Number	status	a few seconds ago
humidity	26	Number	status	a few seconds ago

Items per page 50 | 1-2 of 2 items

1 of 1 page

1 Simulation running

Node-RED

node-red-qdimp-2022-11-19-au-syd.mybluemix.net/red/#flow/476640775da8f735

Flow 1

Input: IBM IoT

Output: IBM IoT

hello world

msg payload

IBM IoT

connected

debug

```
{ temperature: 53, humidity: 52 }
11/20/2022, 10:23:49 AM node: 954728b566acb8b2
iot-2hypeimdevice1/id/123456/evt/status/htmljson :
msg.payload : Object
{ temperature: 82, humidity: 4 }
11/20/2022, 10:23:51 AM node: 954728b566acb8b2
iot-2hypeimdevice1/id/123456/evt/status/htmljson :
msg.payload : Object
{ temperature: 110, humidity: 40 }
11/20/2022, 10:23:53 AM node: 954728b566acb8b2
iot-2hypeimdevice1/id/123456/evt/status/htmljson :
msg.payload : Object
{ temperature: -4, humidity: 85 }
11/20/2022, 10:23:55 AM node: 954728b566acb8b2
iot-2hypeimdevice1/id/123456/evt/status/htmljson :
msg.payload : Object
{ temperature: -11, humidity: 39 }
11/20/2022, 10:23:57 AM node: 954728b566acb8b2
iot-2hypeimdevice1/id/123456/evt/status/htmljson :
msg.payload : Object
{ temperature: 6, humidity: 90 }
```



