

Sprint Delivery - 4

Team ID	PNT2022TMID11896
Project Name	Smart Waste Management System For Metropolitan

DATA DEBUG MESSAGE:

Node-RED interface showing a flow for IoT sensor data processing. The flow starts with an inject node, followed by a debug node, then a function node that splits the data into five parallel paths: Binlevel, Latitude, Longitude, and Location. Each path then connects to a corresponding output node (Wave, Latitude, Longitude, Location). A large 'abc' watermark is visible over the flow. The right sidebar shows the debug messages, displaying a JSON object with sensor data.

```
msg payload: Object
{
  latitude: 8.7199159, longitude: 77.725674, binlevel: 85, village: "Palayankottai", district: "Tirunelveli"
}
```

11/17/2022, 2:45:28 PM node: f20649a.0d0d98
iot-2/type/sensorId/123456/evt/IoTSensor/fmt/json
msg payload: number
85

11/17/2022, 2:45:28 PM node: f20649a.0d0d98
iot-2/type/sensorId/123456/evt/IoTSensor/fmt/json
msg payload: number
8.7199159

11/17/2022, 2:45:28 PM node: f20649a.0d0d98
iot-2/type/sensorId/123456/evt/IoTSensor/fmt/json
msg payload: number
77.725674

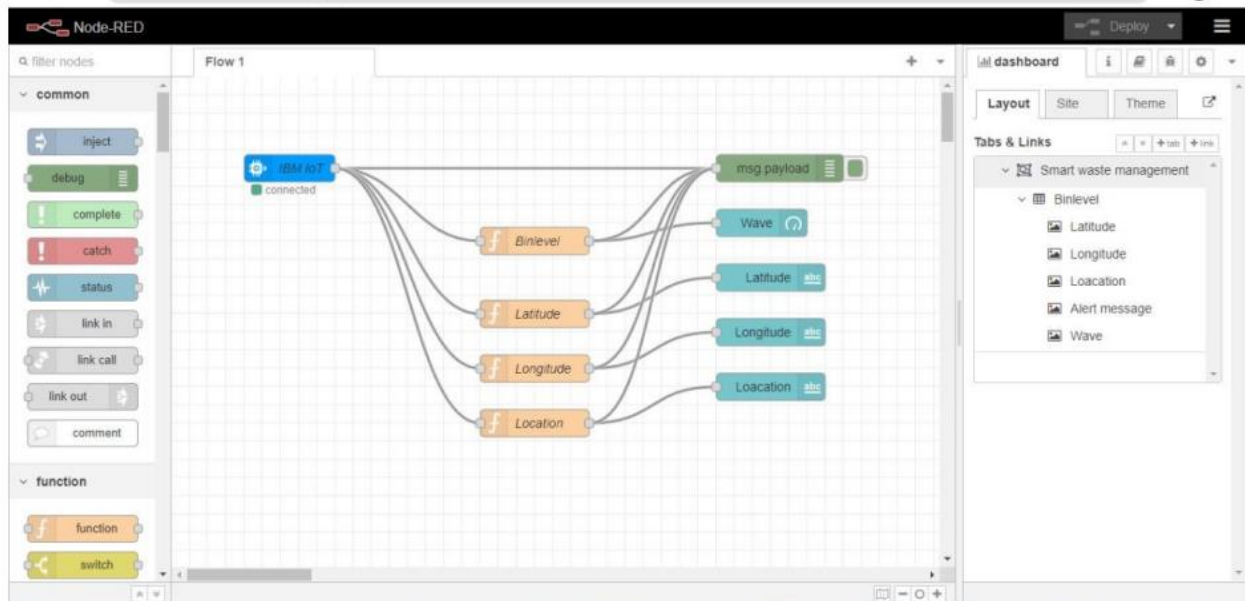
11/17/2022, 2:45:28 PM node: f20649a.0d0d98
iot-2/type/sensorId/123456/evt/IoTSensor/fmt/json
msg payload: string[79]
"village: Palayankottai, district: Tirunelveli, state: Tamilnadu, country: India"

IBM PLATFORM:

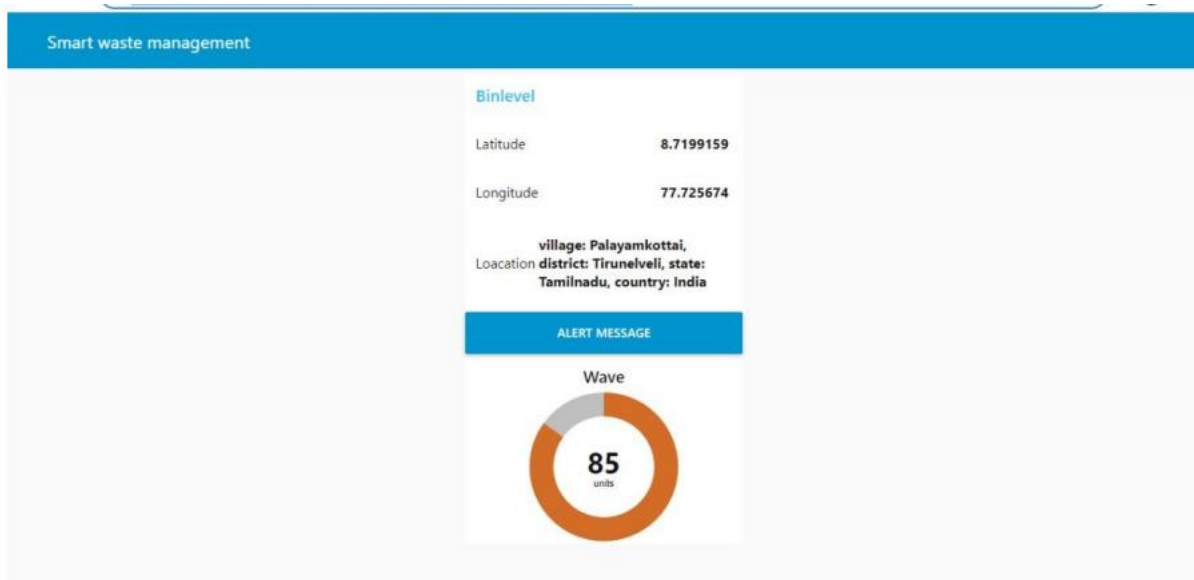
IBM Watson IoT Platform interface showing a table of raw data for an IoT sensor. The table has columns for Property, Value, Type, Event, and Last Received. The data includes latitude, longitude, binlevel, village, district, state, and country.

Property	Value	Type	Event	Last Received
latitude	8.7199159	Number	IoT Sensor	a few seconds ago
longitude	77.725674	Number	IoT Sensor	a few seconds ago
binlevel	24	Number	IoT Sensor	a few seconds ago
village	Palayankottai	String	IoT Sensor	a few seconds ago
district	Tirunelveli	String	IoT Sensor	a few seconds ago
state	Tamilnadu	String	IoT Sensor	a few seconds ago
country	India	String	IoT Sensor	a few seconds ago

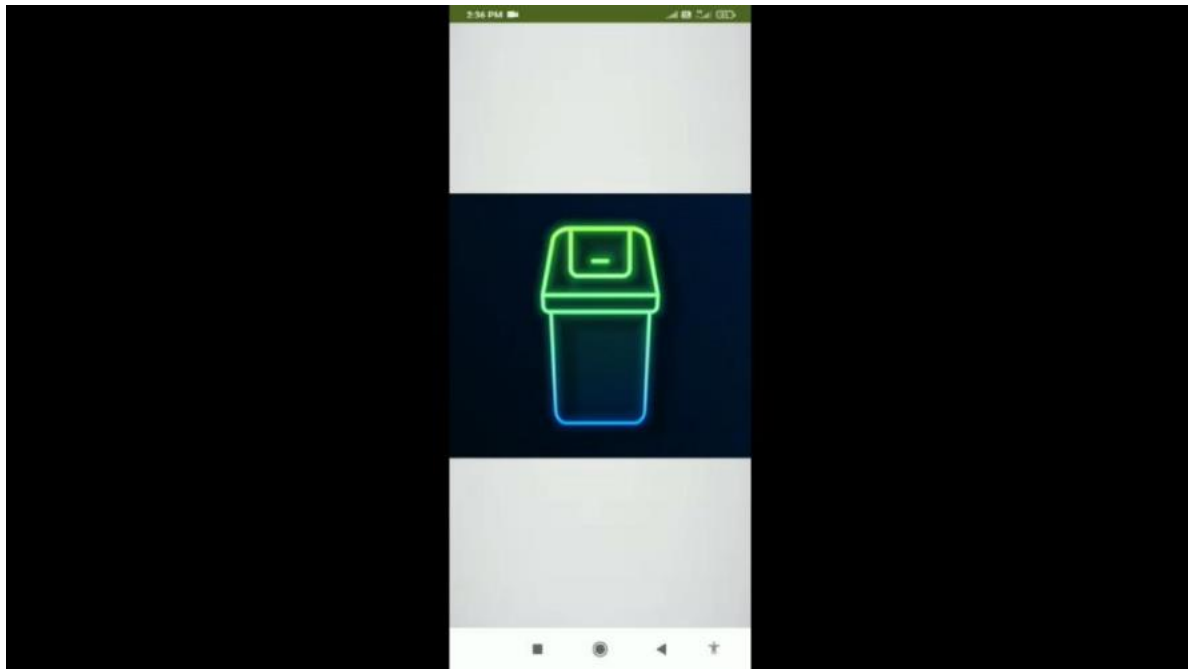
CLICK DASHBOARD FOR NODE UI



DASHBOARD GARBAGE:



MOBILE APP GARBAGE LEVEL :



GARBAGE INFORMATION IN MOBILE APP:

