

SPRINT 3

Aim:

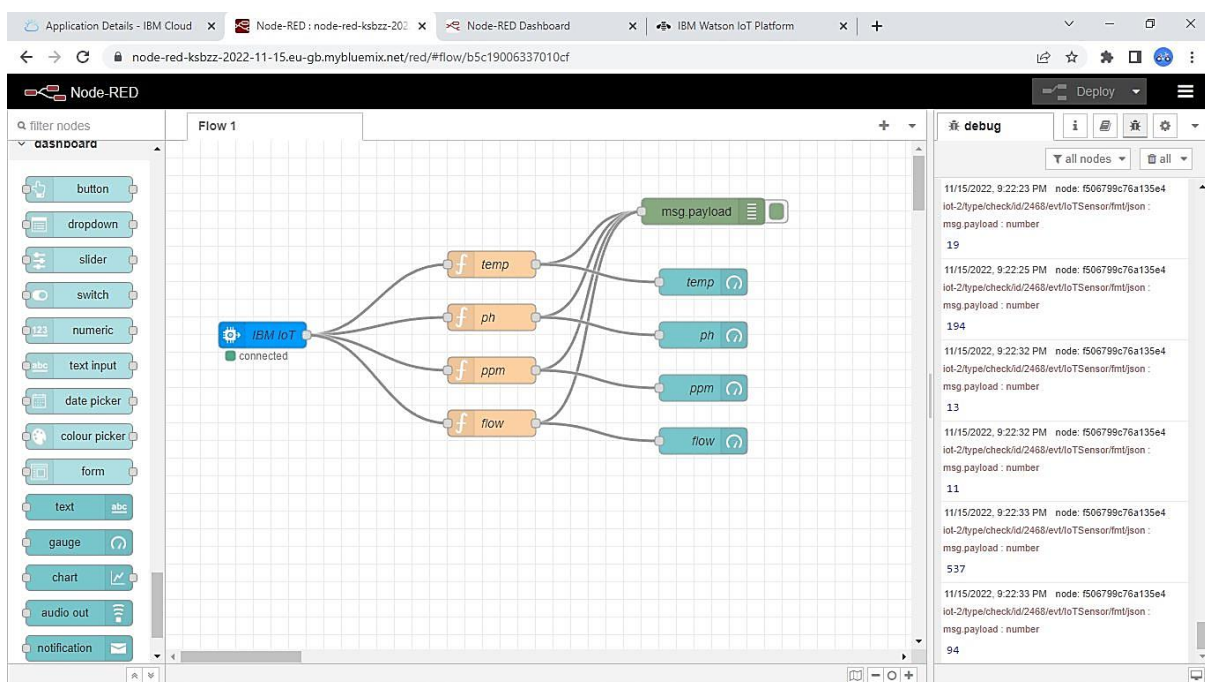
To create charts for displaying the data obtained from python

Requirements:

Node-RED

Activities:

- In Node-RED use dashboard nodes for the chart/gauge form of representation
- For each function place gauge node and select the appropriate properties
- Now in the right corner select down arrow in that choose dashboard
- Click expand icon to view the gauge representation
- Run the code and view the gauge readings



Application Details - IBM Cloud x Node-RED : node-red-ksbzz-202 x Node-RED Dashboard x IBM Watson IoT Platform x +

node-red-ksbzz-2022-11-15.eu-gb.mybluemix.net/red/#flow/b5c19006337010cf

Node-RED

Flow 1

filter nodes dashboard

button dropdown slider switch numeric text input date picker colour picker form text gauge chart audio out notification

IBM IoT connected

Edit gauge node

Delete Cancel Done

Properties

Group [Home] water parameters

Size auto

Type Gauge

Label temp

Value format {{value}}

Units c

Range min 0 max 100

Colour gradient

Sectors 0 optional optional 100

Name temp

Enabled

debug

all nodes all

11/15/2022, 9:22:23 PM node: f506799c76a135e4
iot-2/type/check/id/2468/ev/foTSensor/rmt/json :
msg.payload : number
19

11/15/2022, 9:22:25 PM node: f506799c76a135e4
iot-2/type/check/id/2468/ev/foTSensor/rmt/json :
msg.payload : number
194

11/15/2022, 9:22:32 PM node: f506799c76a135e4
iot-2/type/check/id/2468/ev/foTSensor/rmt/json :
msg.payload : number
13

11/15/2022, 9:22:32 PM node: f506799c76a135e4
iot-2/type/check/id/2468/ev/foTSensor/rmt/json :
msg.payload : number
11

11/15/2022, 9:22:33 PM node: f506799c76a135e4
iot-2/type/check/id/2468/ev/foTSensor/rmt/json :
msg.payload : number
537

11/15/2022, 9:22:33 PM node: f506799c76a135e4
iot-2/type/check/id/2468/ev/foTSensor/rmt/json :
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Properties

Group [Home] water parameters

Size auto

Type Gauge

Label ph

Value format {{value}}

Units units

Range min 0 max 14

Colour gradient

Sectors 0 optional optional 14

Name ph

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Properties

Group [Home] water parameters

Size auto

Type Gauge

Label ppm

Value format {{value}}

Units ppm

Range min 0 max 1000

Colour gradient

Sectors 0 optional optional 1000

Name ppm

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Properties

Group [Home] water parameters

Size auto

Type Gauge

Label flow

Value format {{value}}

Units l/m

Range min 0 max 200

Colour gradient

Sectors 0 optional optional 200

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