

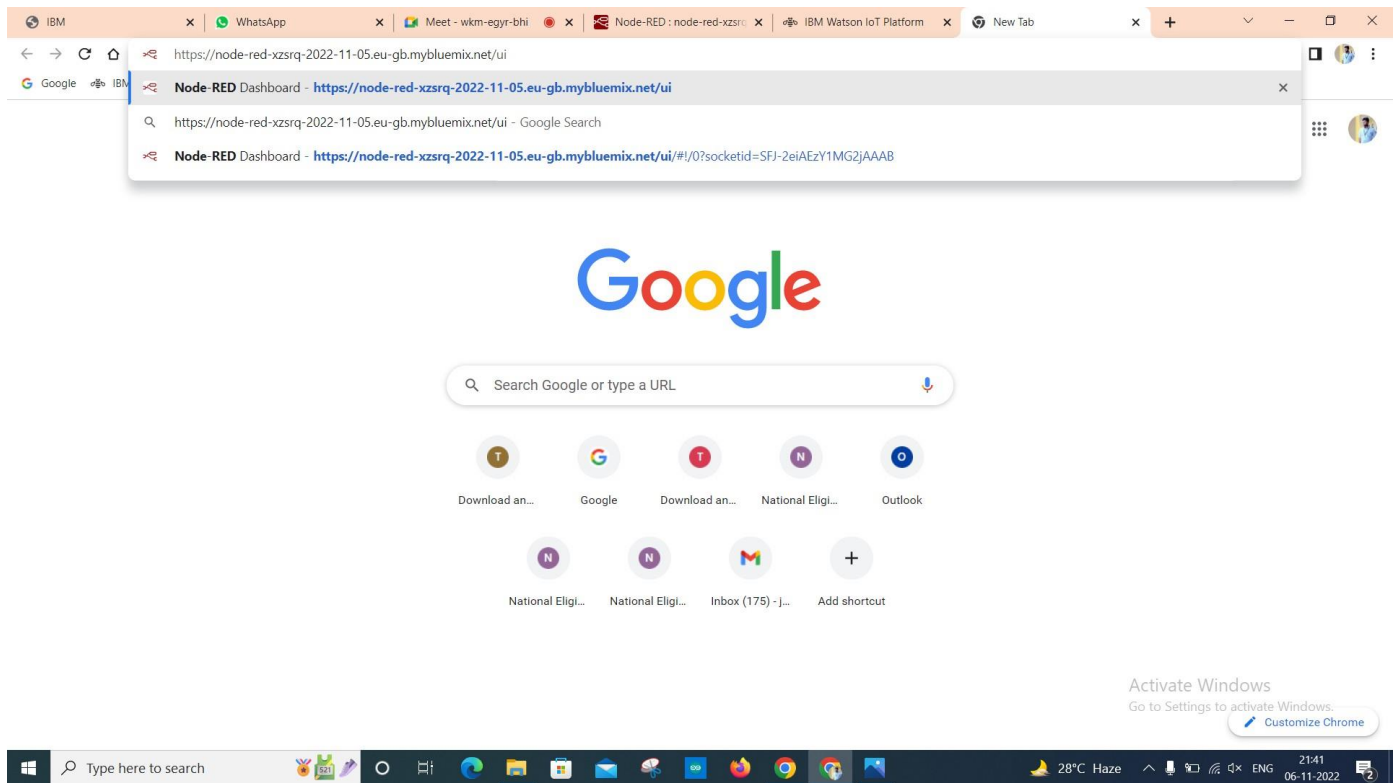
Creating a Node-Red UI to view data in Separate Graphical form

Date	07 November 2022
Team ID	PNT2022TMID04619
Project Name	Project - Gas Leakage Monitoring and Alerting System for Industries.

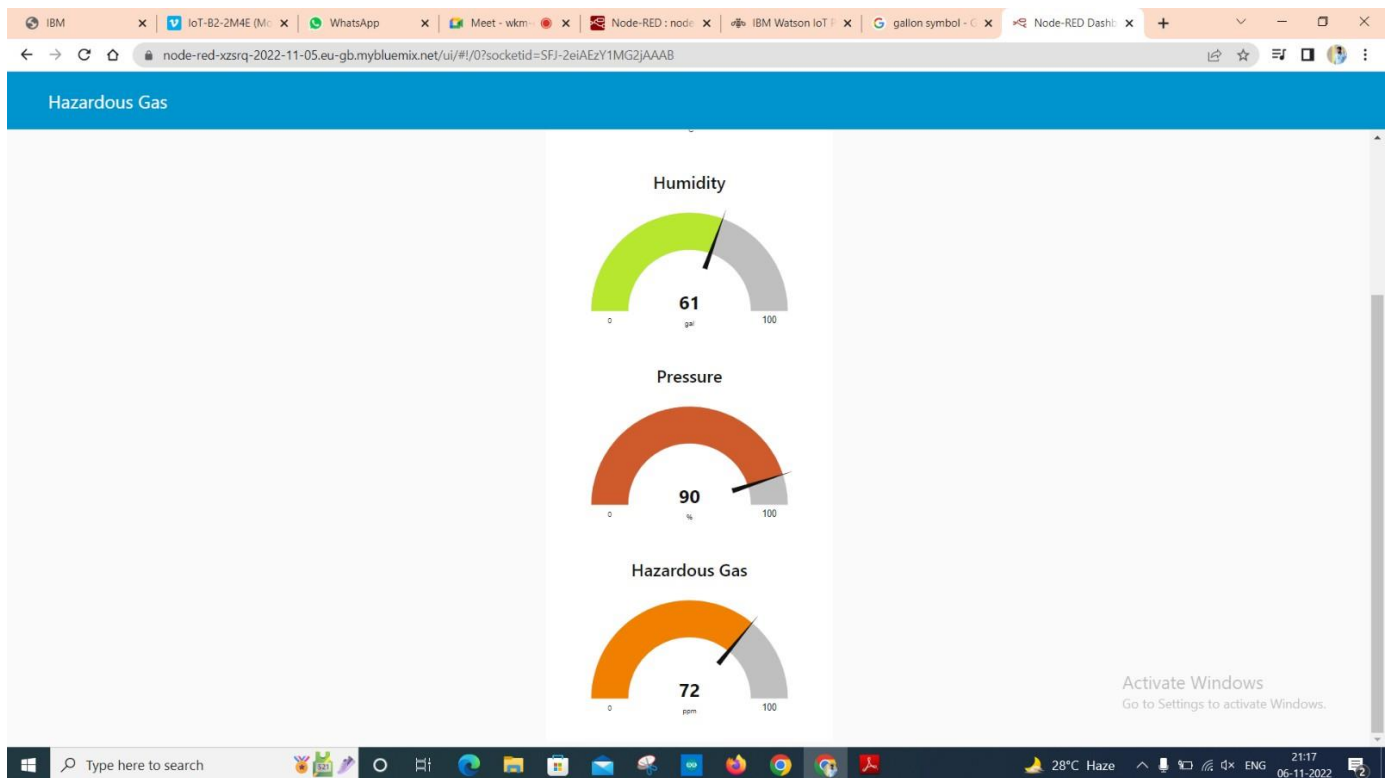
After creating the Node Red Web Application, we have to install the UI interface in Node Red.

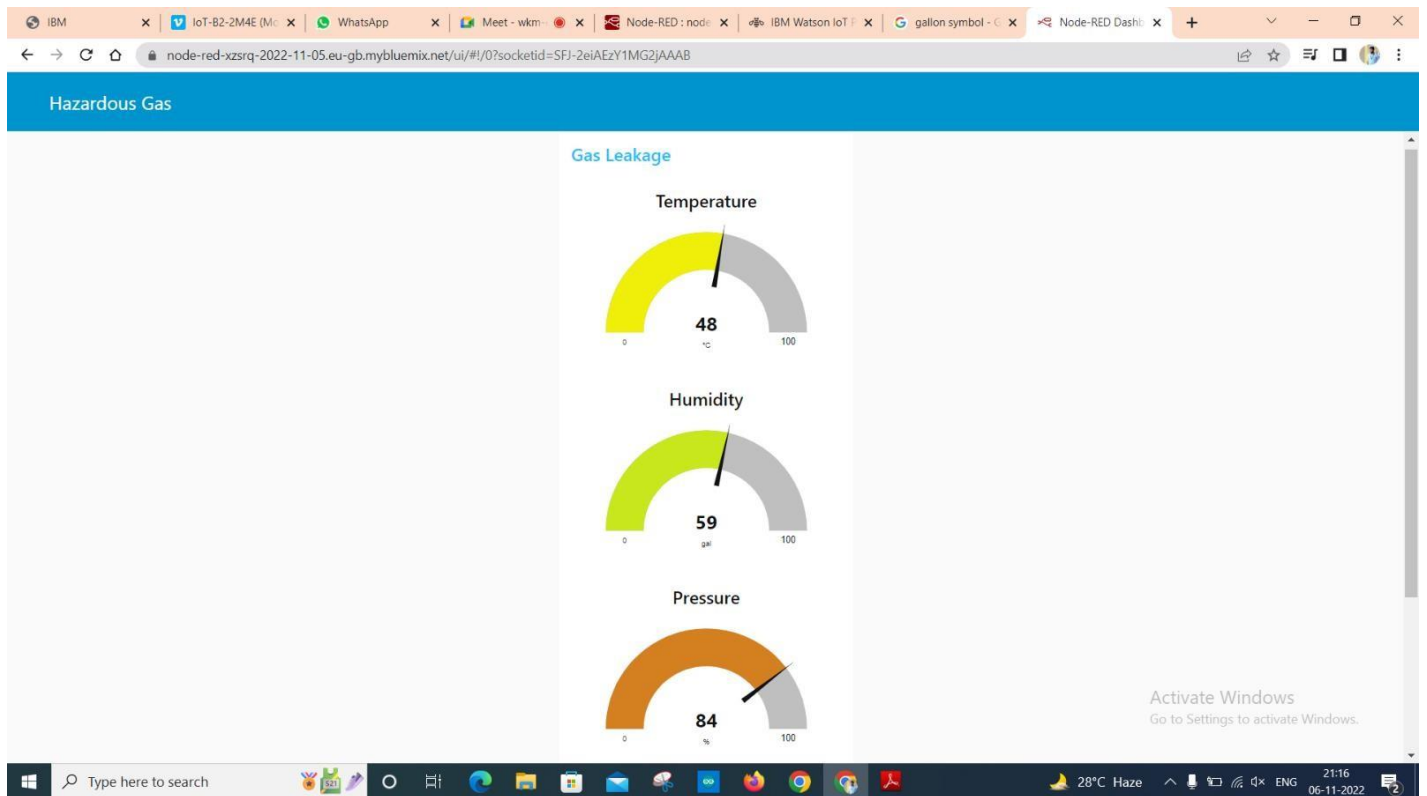
- Copy and pasting the URL of the NodeRed in the new tab

The screenshot displays a web browser window with multiple tabs. The active tab is 'Node-RED : node-red-xzsq', showing a Node-RED interface. The URL bar indicates the address: <https://node-red-xzsq-2022-11-05.eu-gb.mybluemix.net/red/#flow/760cbcb747147ae1>. The Node-RED interface features a left sidebar with a 'filter nodes' search bar and a list of nodes including 'button', 'dropdown', 'switch', 'slider', 'numeric', 'text input', 'date picker', 'colour picker', 'form', 'text', 'gauge', 'chart', 'audio out', 'notification', 'ui control', and 'template'. The main workspace shows 'Flow 1' with a flow diagram. It starts with an 'IBM IoT' node (labeled 'connected'), which branches into four parallel paths. Each path consists of a function node (labeled 'Hazardous Gas', 'Temperature', 'Humidity', and 'Pressure' respectively) followed by a corresponding UI gauge node (also labeled 'Hazardous Gas', 'Temperature', 'Humidity', and 'Pressure'). A 'msg.payload' node is connected to the output of the 'Hazardous Gas' function node. The right sidebar shows a 'debug' console with a list of messages, including timestamps and node IDs, and a 'Deploy' button at the top right.



➤ Output





Link: <https://node-red-xzsrq-2022-11-05.eu-gb.mybluemix.net/ui/#!/0?socketid=SFJ-2eiAEzY1MG2jAAAB>

Result:

Thus, the Node Red UI is created successfully.