Project Development Phase Sprint – 2

Date	7 November 2022
Team ID	PNT2022TMID11546
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IoT
Maximum Marks	2

Task:

Obtain the sensed data and visualize it in Node-RED.

Steps:

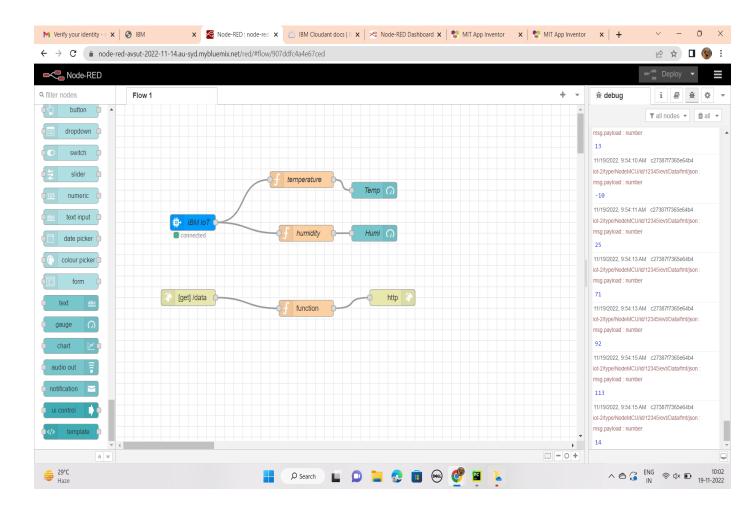
- 1. IBM IoT node is used to gather sensor data and the necessary API key is provided to establish connection.
- 2. Using functions namely Temperature, the data is obtained independently and displayed in dashboard.
- 3. Dashboard Nodes are used to display the sensed data to the user in a portal.

Codes for functions:

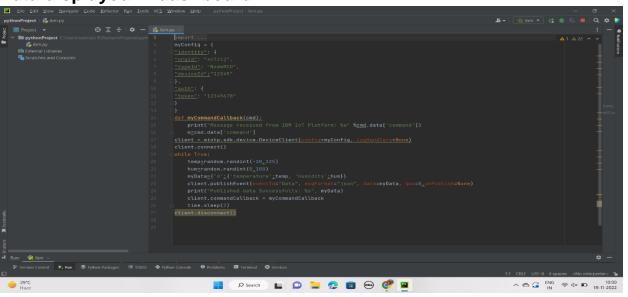
Temperature - msg.payload = msg.payload.temp return msg;

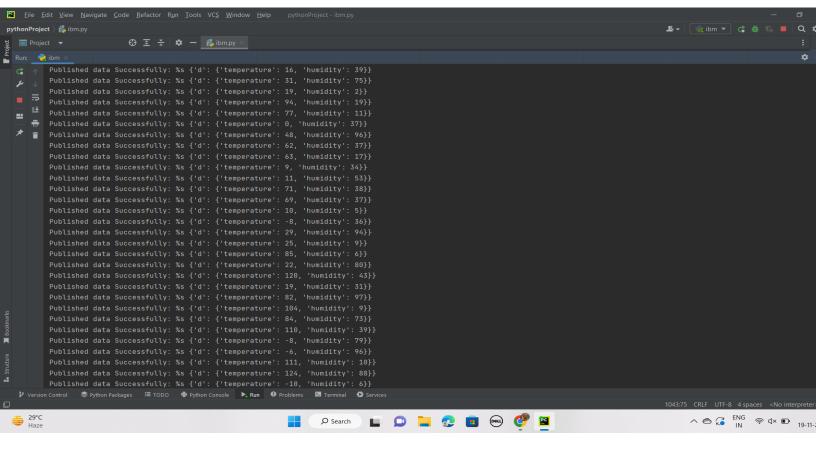
Output:

1. Data from Node-RED



2. Data displayed in dashboard.





3. Temperature

