GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES

SENDING DATA FROM RASPBERRY-PITO IBM WATSON

Team ID	PNT2022TMID21717
Project Name	Project - Gas leakage monitoring and
	alerting system for industries

Aim:

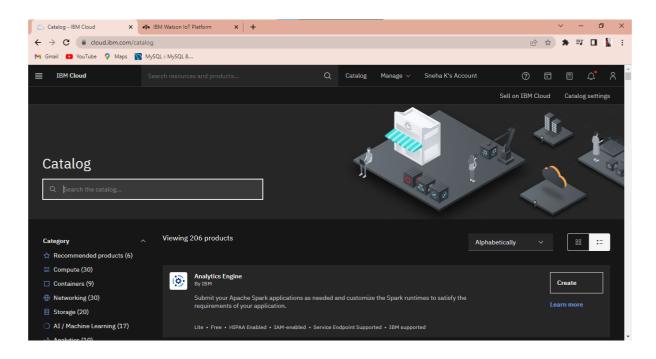
To send sensor data from the Raspberry Pi to IBM Watson. In our case, the data is from DHT sensors.

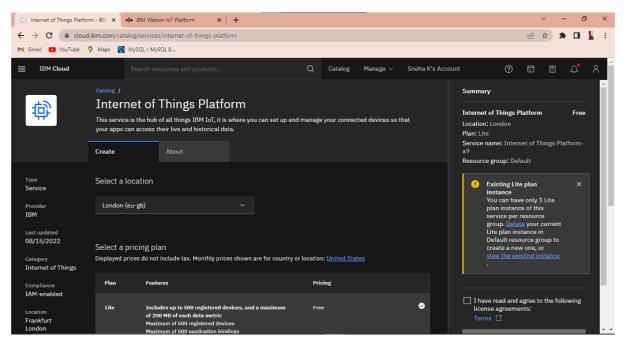
Requirements:

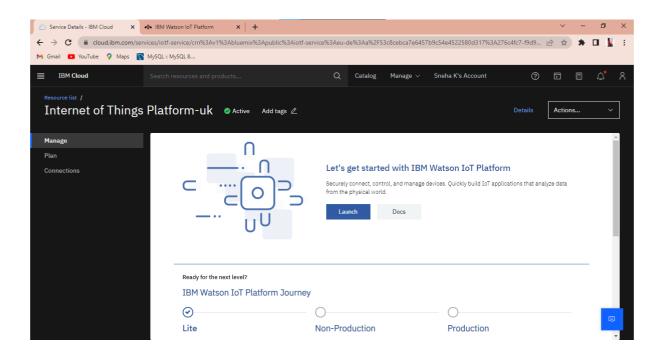
- Hardware Requirements
 - o RASPBERRY-PI (3B)(WITH ETHERNET CABLE OR WIFI CONNECTED)
 - o USB MOUSE
 - o USB KEYBOARD
 - o DHT-11 Sensor
 - o MONITOR
 - o RASPBERRY'S POWER SUPPLY
 - o VGA TO HDMI CABLE
 - o Connecting Wires
- Software Requirements
 - o IBM BLUEMIX ACCOUNT

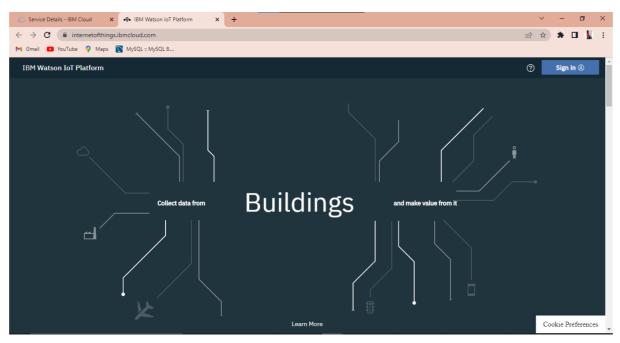
Procedure

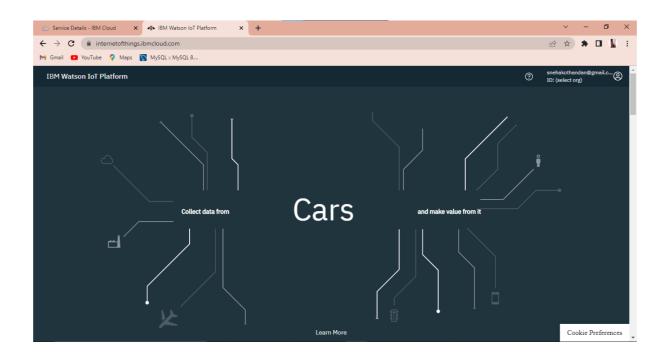
Create an Device in IBM WATSON

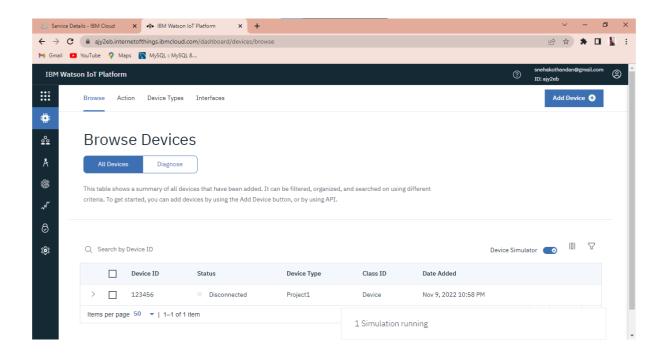


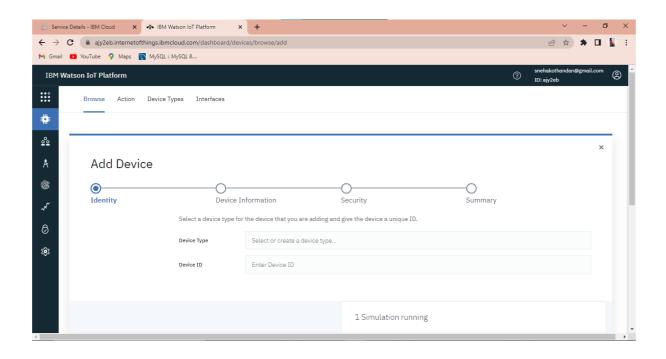


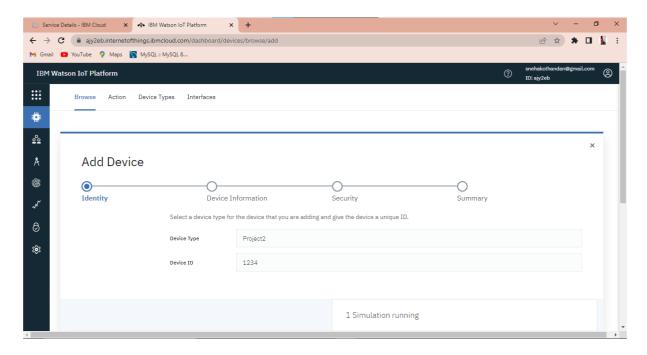


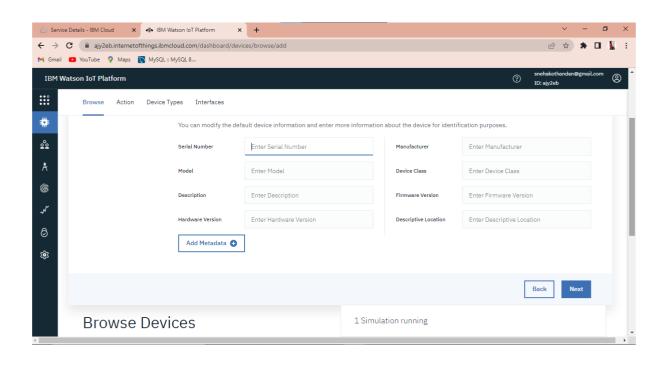


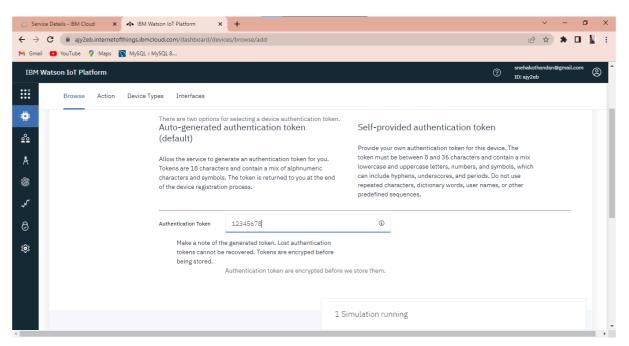


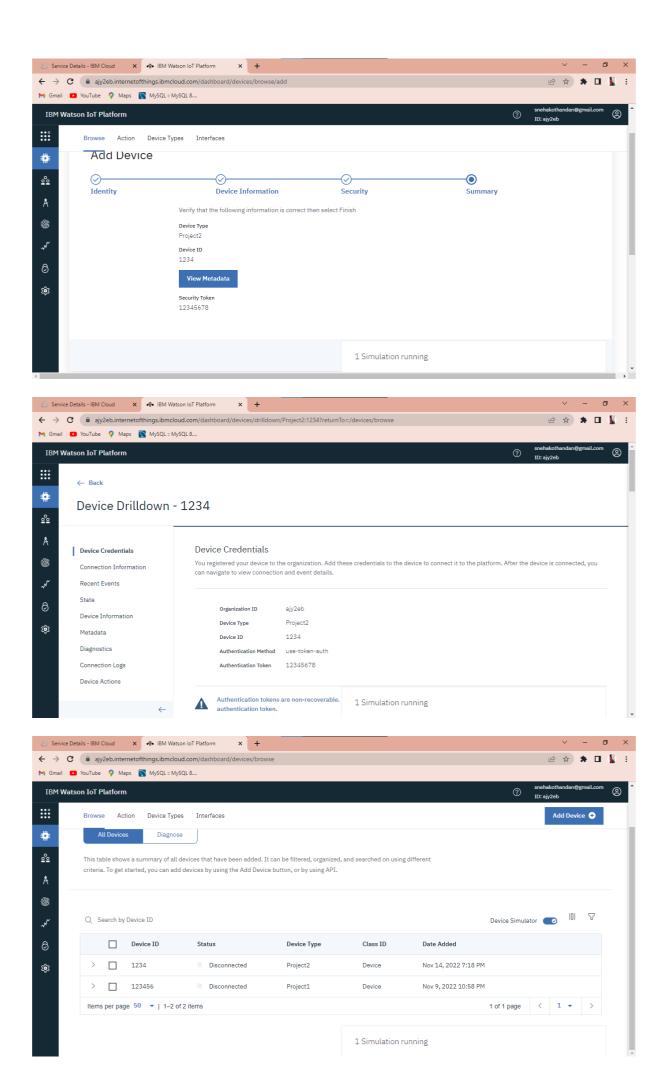












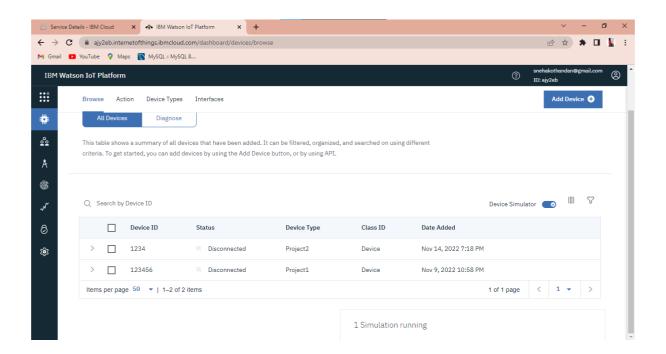
• Install necessary package on the Raspberry pi

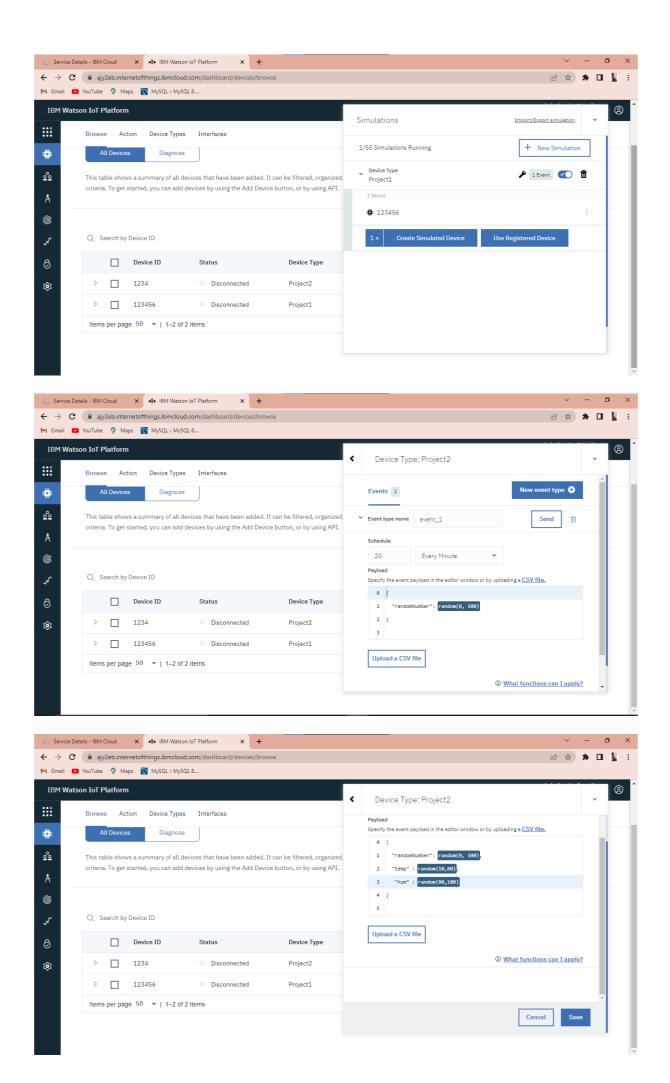
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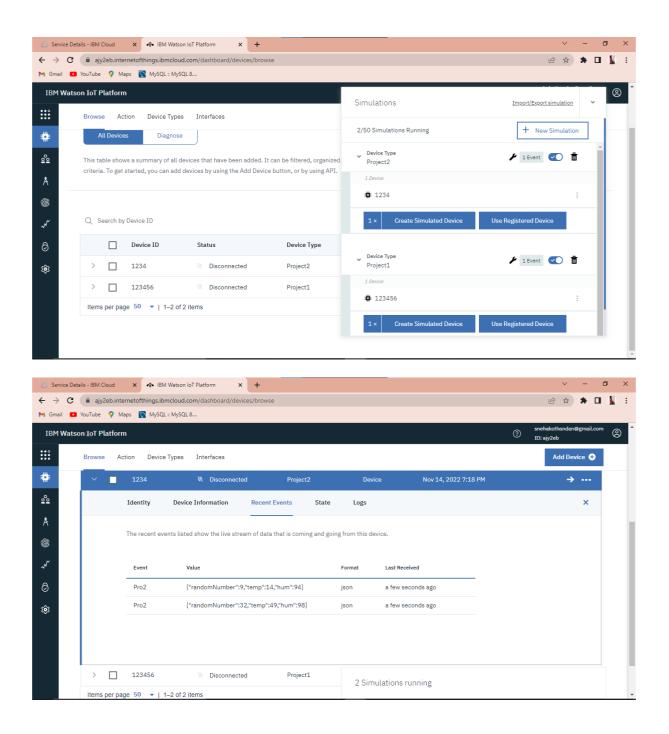
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• Check for the Data to be sent to IBM Bluemix







Create boards and cards for visualization

