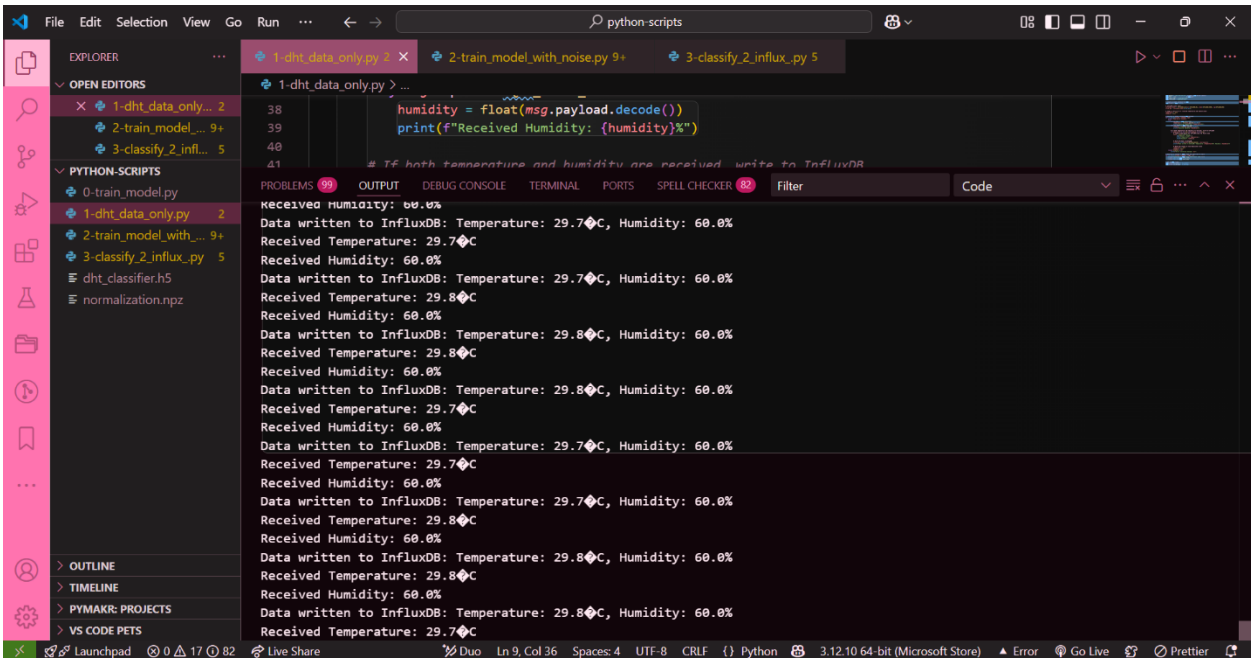
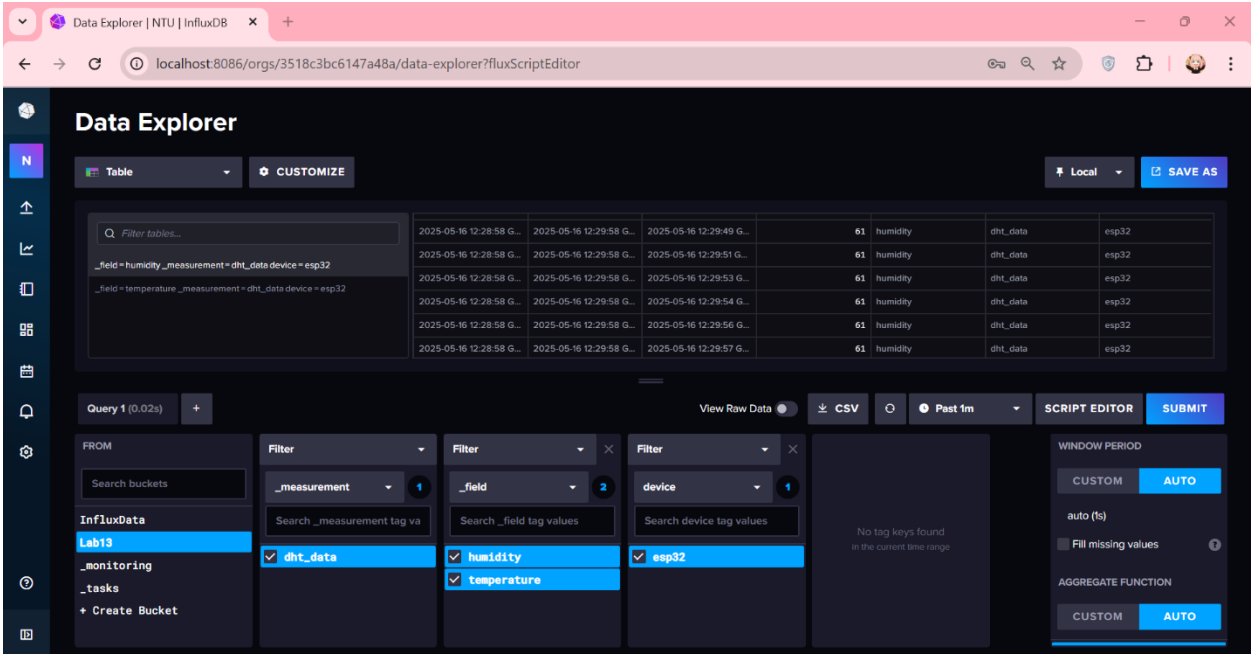
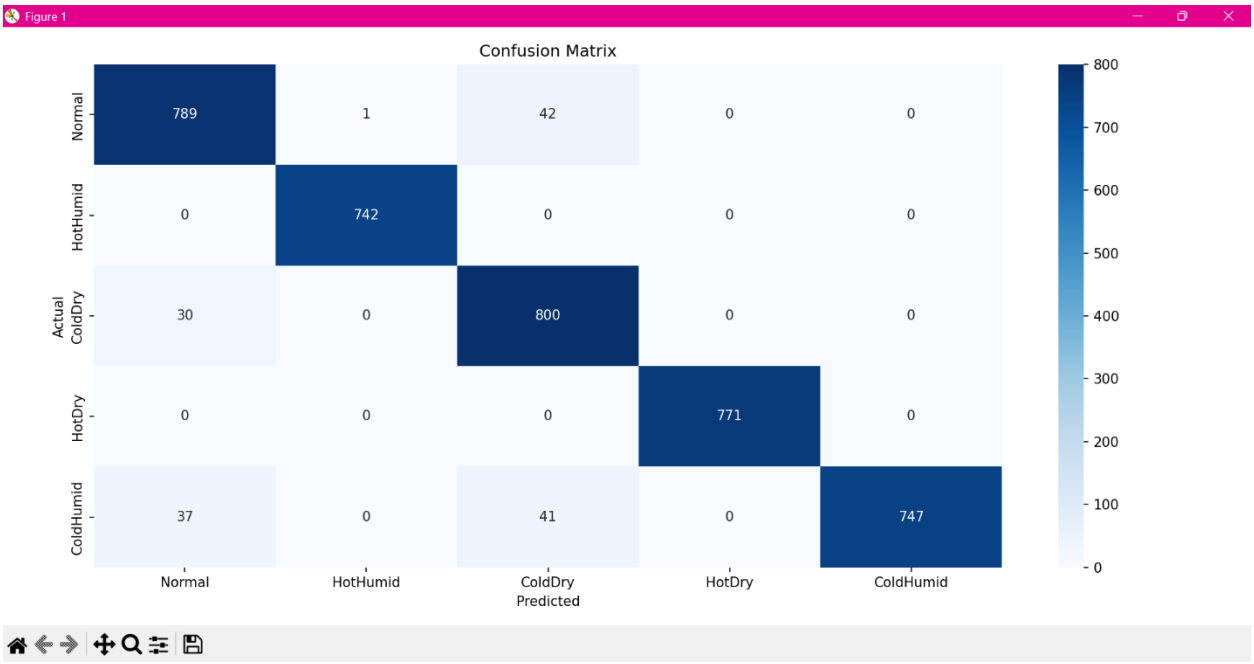
1. First of all, we turn on mosquitto through powershell (by running it as admin).
2. Then we compile the code on Arduino and observe the values dht11 sends to mosquitto on powershell.
3. We use VSCode for our next tasks.
4. The first code sends data from dht11 from esp to influx db's frontend. For this, we go to C drive in influx's folder and open cmd there. ./influxdb.exe runs the frontend on port 8083. Local host 8083 on our browser is how we access it. We select our devices and select the table. It shows data send through mosquitto in the form of table.





5. The next code is for creating a neural network to classify the data sent by esp based on environmental conditions.



6. Last code uses mosquitto, trained model and influx db to take real time data from esp, classifying it through the model and storing it in time based series.