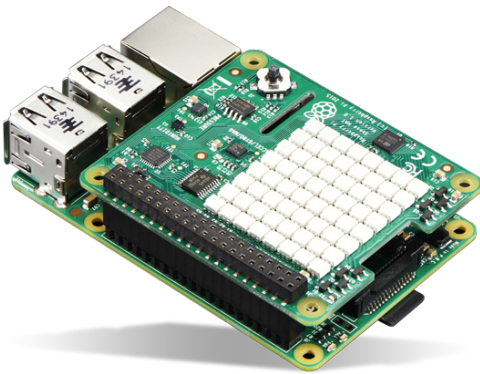Raspberry Pi and Sense HAT record Temperature, Humidity and Pressure.

Pi records the data to and displays the data on

graphs at 15 second intervals - MQTT.

Send tweet announcement using Postman to @weatherpi3 Twitter page stating that weather updates are incoming.

3 x Reacts setup on ThingSpeak:
Temperature, Humidity and Pressure. Tweet is published when a certain condition within the data is met. EG: Tweet published when a certain temperature is reached.

 Create an app using Blynk that displays the data in Real Time. ThingSpeak Data graphs accessible through the app.

Compare Data:

Create a database using SQLite containing the weather data in a table. Can compare with data displayed on ThingSpeak graphs.