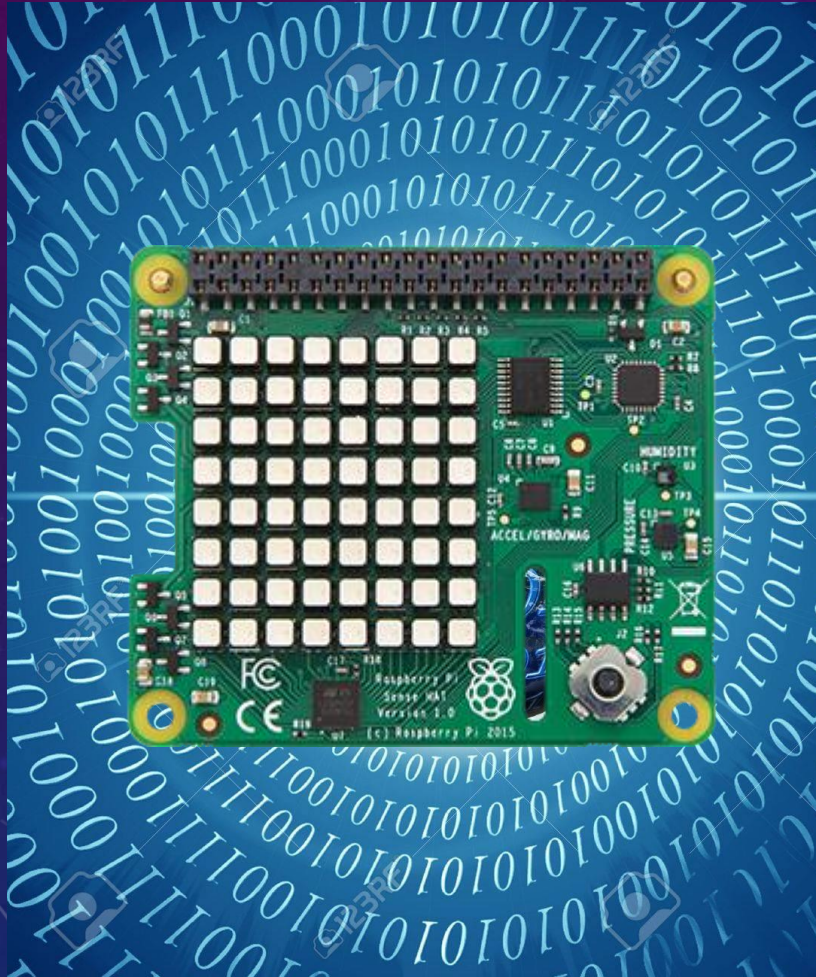# ESIPAP COMPUTING SESSION 1

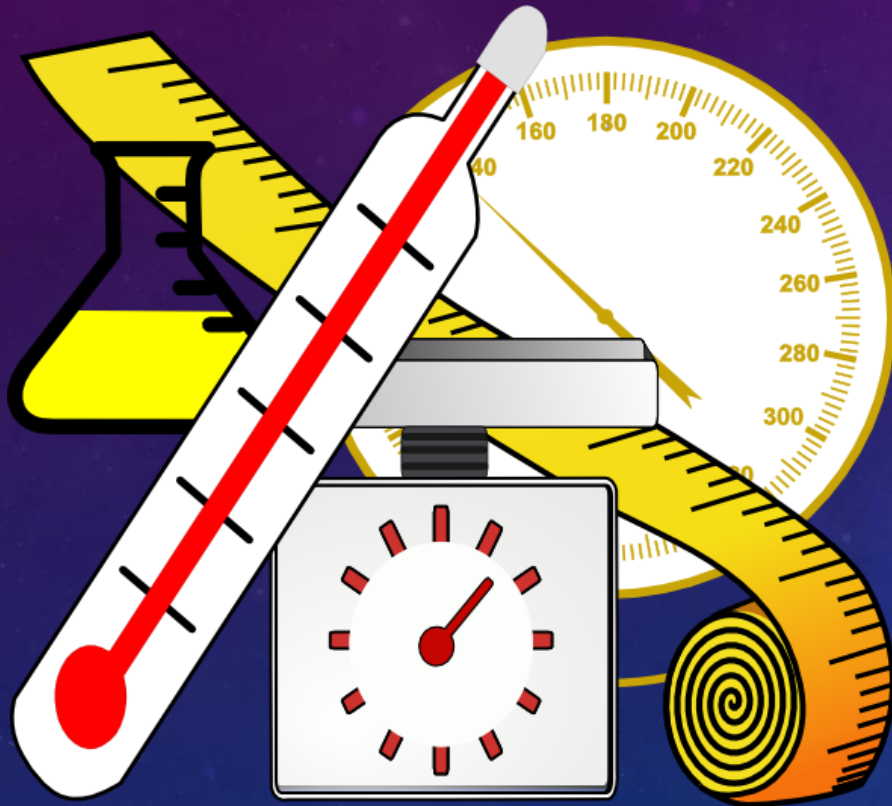## WEDNESDAY 9:30 – 12:15

GOALS OF THIS SESSION

Basic development

- Acquiring sensor data (temperature, pressure, relative humidity) with your own code.

- Performing measurement campaigns

- Saving data into a CSV file

Advanced development

- Displaying the current temperature on the LEDs with a bar chart.

MEASUREMENT CAMPAIGNS

Several measurement to perform according to the environment conditions:

- Stable conditions
  - *(→ use later to determine resolution and calibrations)*

- Varying acquisition rates

- Varying conditions
  - Air properties: temperature / humidity / pressure
  - Raspberry activities

Do not perform all the campaigns!
We will share the work.