

# EGH404 Portfolio (Part 2)

The EGH404 Portfolio is based on an individual dataset that can be downloaded at:

[www.egh404.com](http://www.egh404.com)

Please note that the dataset is too big to be loaded into Excel, and while it opens, it will strip about 1/3 of the data.

The structure of the dataset is as follows:

Column 1: *Point Location in WGS84*  
Column 2: *Temperature in degree Celsius*  
Column 3: *Rainfall in mm*  
Column 4: *Number of people in the location*  
Column 5: *Sensor value A*  
Column 6: *Sensor value B*

## Tasks

- Import the dataset into QGIS
- Create a map that colour-codes the locations based on the maximum temperature at the location
- Create a map that shows the minimal rainfall at a location with varying marker sizes
- Create a heat map based on the average number of people at a location
- Create a map the colour codes locations based on sensor value A and change the marker size based on sensor value B

## Submission:

For each tasks provide the following:

- Map image providing an overview of the whole dataset/layer
- Map image providing a zoomed in version showing a small set of data that highlights the various colours/sizes
- Compile all maps into a PDF before submission