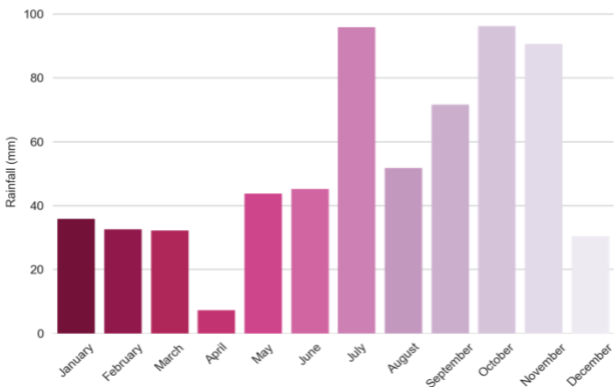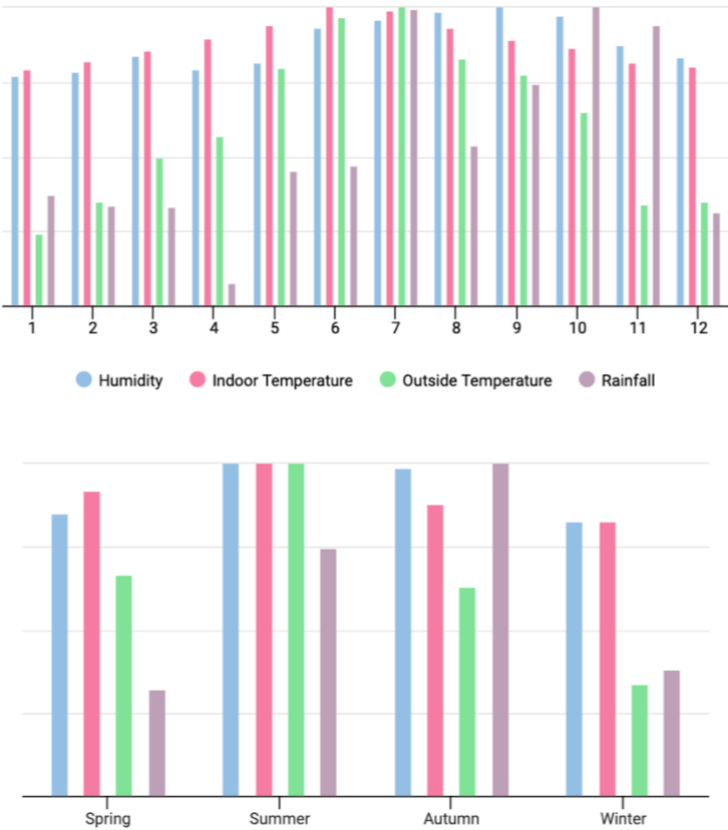# Infographic Report

Monthly/ Seasonal Precipitation Over Course of Single Year

Bar charts of rainfall across the months and seasons have been incorporated to give the audience a perspective of which times of the year are the wettest. The bars are coloured specifically, so they contrast optimally with the background but are thematically consistent. The bar charts are stylised to include horizontal gridlines to allow the audience to easily trace the values of each component.

Simplified bar plots are provided in the second page to detail how rainfall compares to other climate features such as temperature and humidity. Again, colours have been chosen appropriately to contrast with the different components and allow readers to distinguish how different features measure over the year. Bar charts are simple enough for the general public to understand yet effective in summarising several features over a period. Furthermore, the data has been normalised to account for varying measurements of each component in order to give the viewer ease in comparing the features, i.e. temperature, humidity and rainfall have been scaled proportionally. The y-axis ticks and labels have been removed as they do not provide value since the data has been scaled. The charts are followed by a legend, ordered in the same format as each month/ season so that viewers can more easily associate the label with the corresponding bar.

Heatmap (Correlation Plot) Comparing Climate Features

A heatmap (correlation plot) has also been included to efficiently demonstrate the correlation between each of the climate features, complemented with a scale ranging from 1 to -0.4, to give an indication of how strong or weakly correlated each pair of features are. The palette has been chosen specifically to contrast the background colour of the infographic and surrounding content, whilst ranging from very dark colours to describe negative correlation, to vivid colours for positive correlation. Some ticks were removed from the scale by using the editor, as three ticks are sufficient in describing the correlation. The values from each tile in the heatmap have been removed so that the viewer can purely rely on the scale of colours to deduce the correlation between the features.