

Assignment 1

GEO1001

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As the first assignment the mean, the variance and the standard deviation of all 19 numeric variables were calculated, for report clarity these tables are not displayed here, but are uploaded as csv files to GitHub.

In figure 1.1 two histograms of the temperature measurements are shown. When comparing the two histograms the importance of the number of bins can be?? Details about the distribution of the data points are visible in the histogram with 50 bins, however in the histogram with 5 bins many nuances of the distribution are lost.

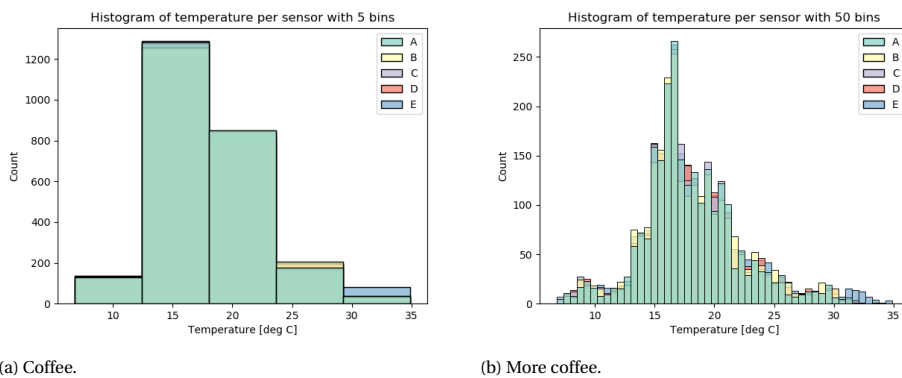
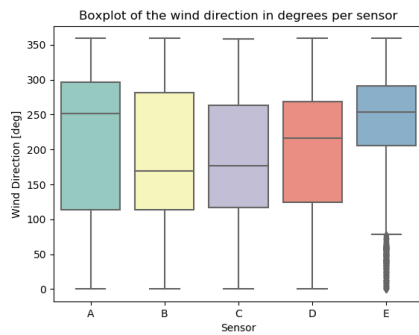
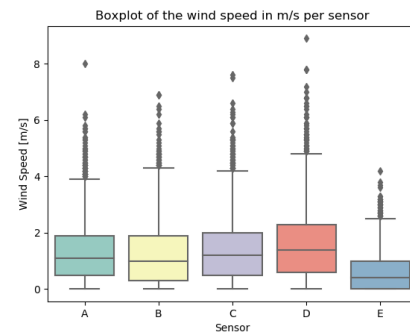


Figure 1.1: Histograms of the temperature measured by all 5 sensors in °C, with 5 and 50 bins.

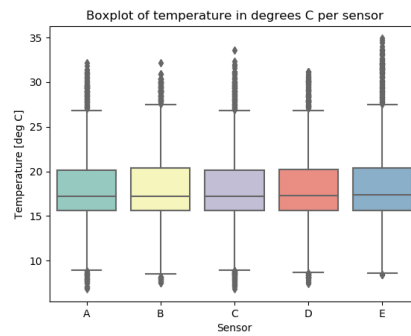
1.0.1. 1.2



(a) Boxplot of wind direction per sensor



(b) Boxplot of wind speed per sensor



(c) Boxplot of temperature per sensor

Figure 1.2: Boxplots showing the data for wins direction wind speed and temperature for all 5 sensors

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A2

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Bonus

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