

CE888 Lab2

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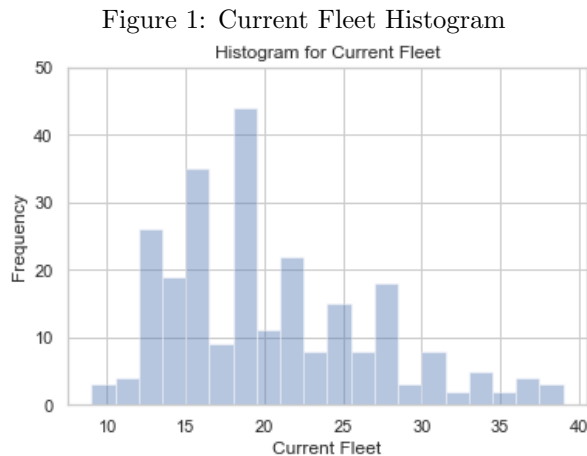
January 2019

1 Analysis of results

Write a very small text description of the analysis in Overleaf, download the pdf and put in in Github alongside the rest of your lab2.

1.1 Visualisation of the data

During the exercise we created a document on *spyder* called *vehicles.py*, where we visualised the data given in the dataset. The Figure 1 shows the histogram for the current fleet and the Figure 2 shows the histogram for the new fleet.



1.2 Bootstrap

The second part of the lab consisted on implementing the bootstrap function defined by resampling and saving the mean of each iteration, for that we were asked to calculate the lower and upper bounds for a 95 percent CI. The CI is shown in the following graph:

Figure 2: New Fleet Histogram

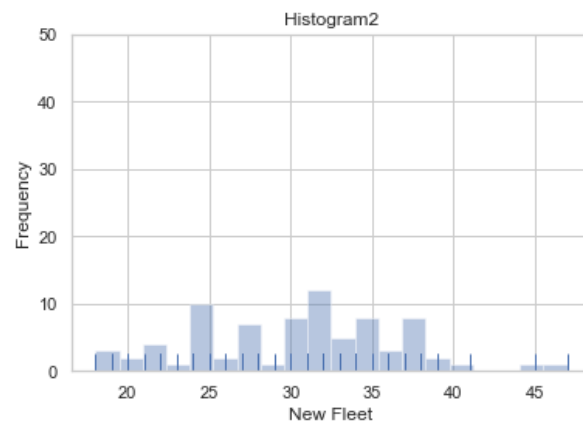


Figure 3: Bootstrap

