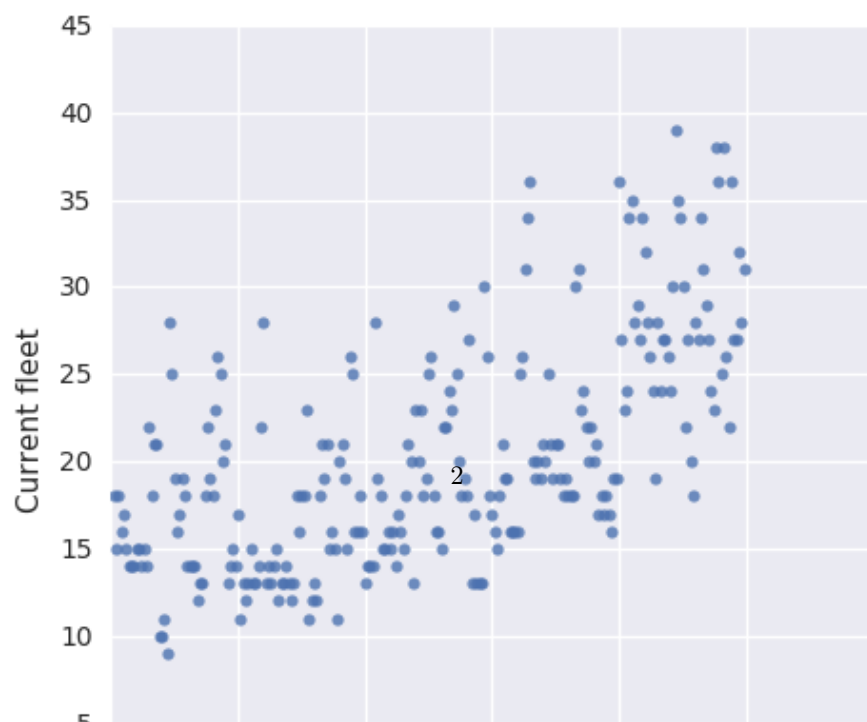
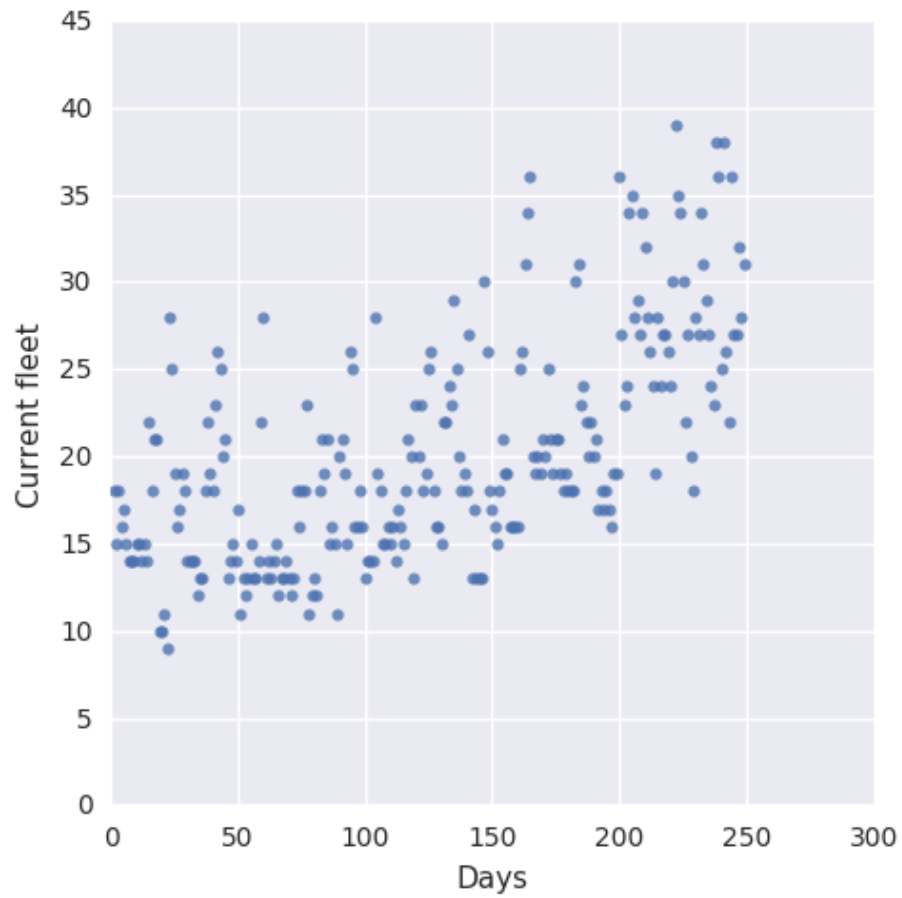


1 Introduction

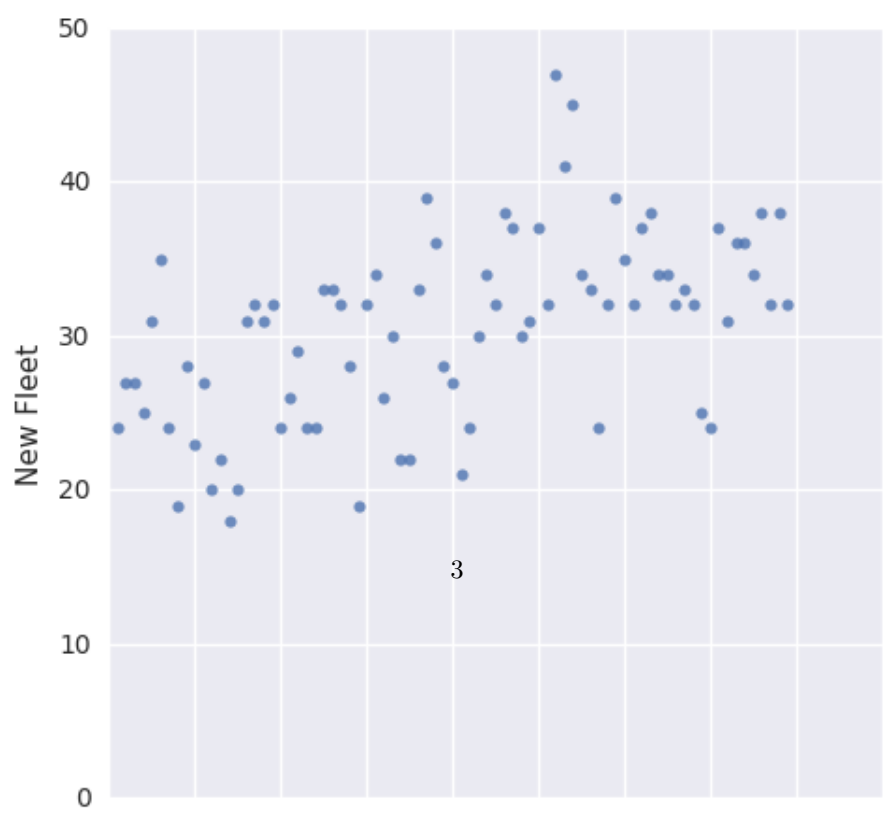
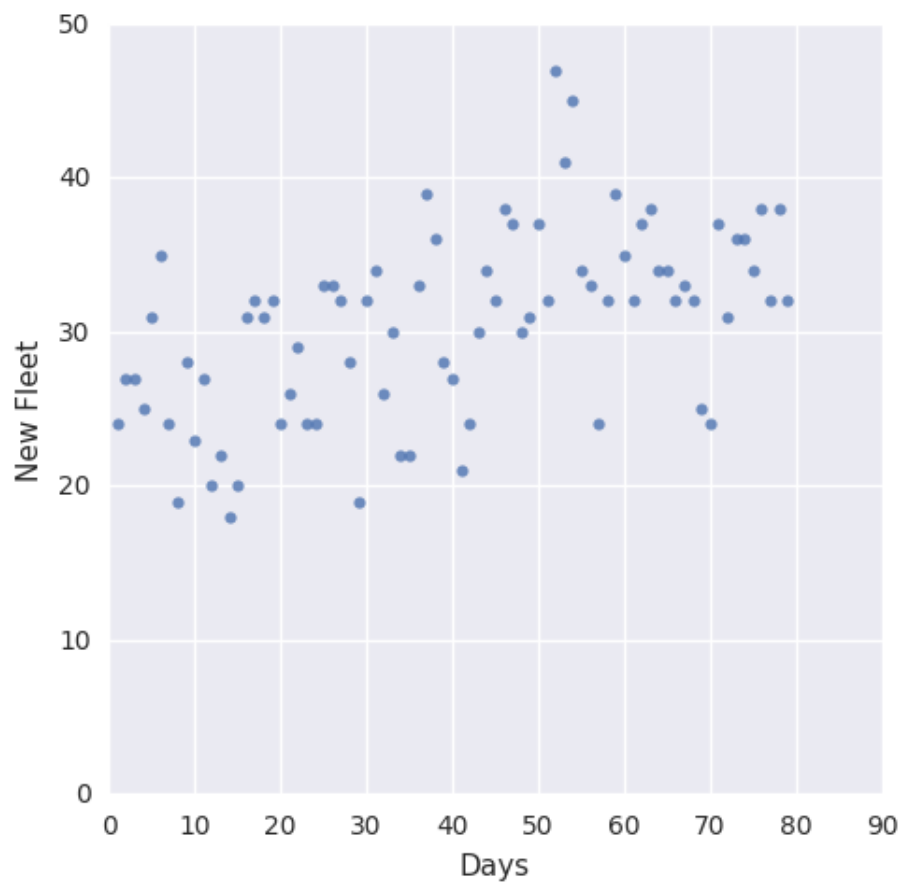
The data is from a japanese vs american cars Mpg Comparison and we are analysing the standard deviation of their Mpg values to see if we can find a difference

2 Plots

Current Fleet



New Fleet



3 BootStraping

Bootstraping gives us the following data

Current Fleet Standard Deviation give a the following bounds upper Bound : 6.9094452907068673) lower Bound : 5.1489572668311254

New Fleet Standard Deviation give a the following bounds upper Bound : 6.9338545004540215) lower Bound : 5.8071471217948147)

Since the bounds overlap we cannot make and conclusions from this data.