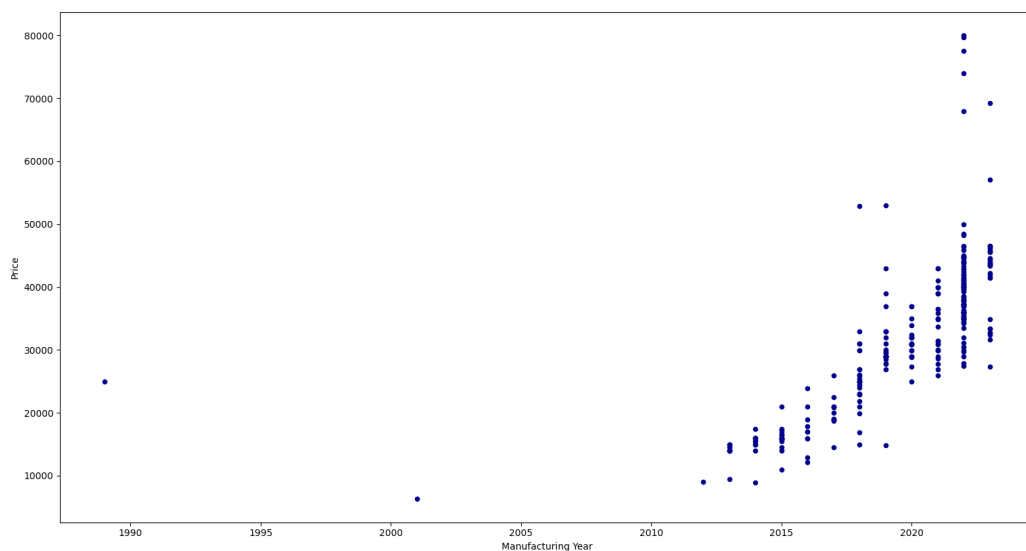


Carzone Assignment

The attached script scrapes the carzone search page and writes the contents of the html locally. The script can then write all the relevant data to a csv file. From this csv file the script can then scrape each car individually and write that data to a seperate csv file.

This can all be done by the user through a simple CLI interface. From this interface the user can then run functions to retrieve visualisations on the data as seen below.

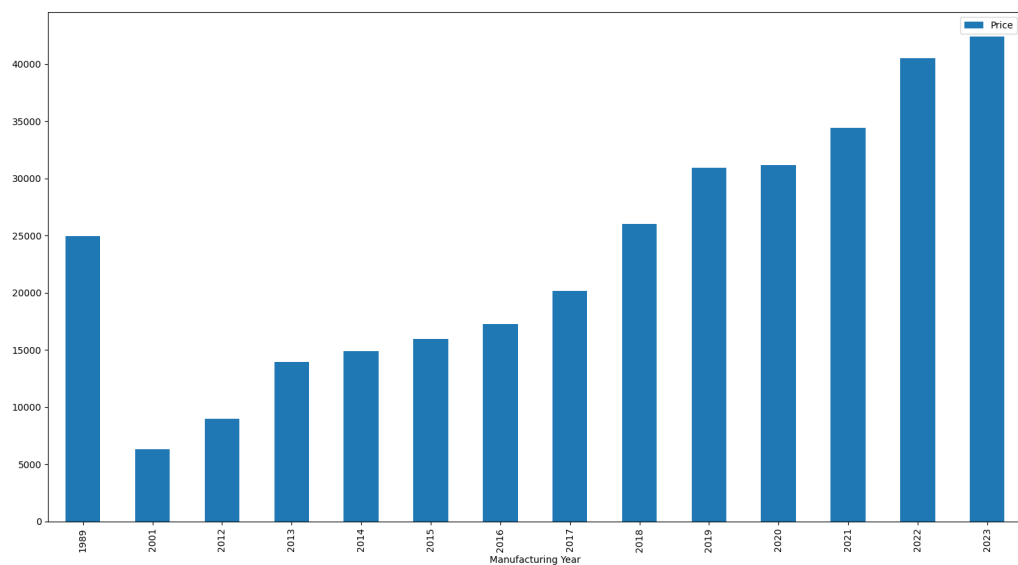
Price by Year Scatter graph



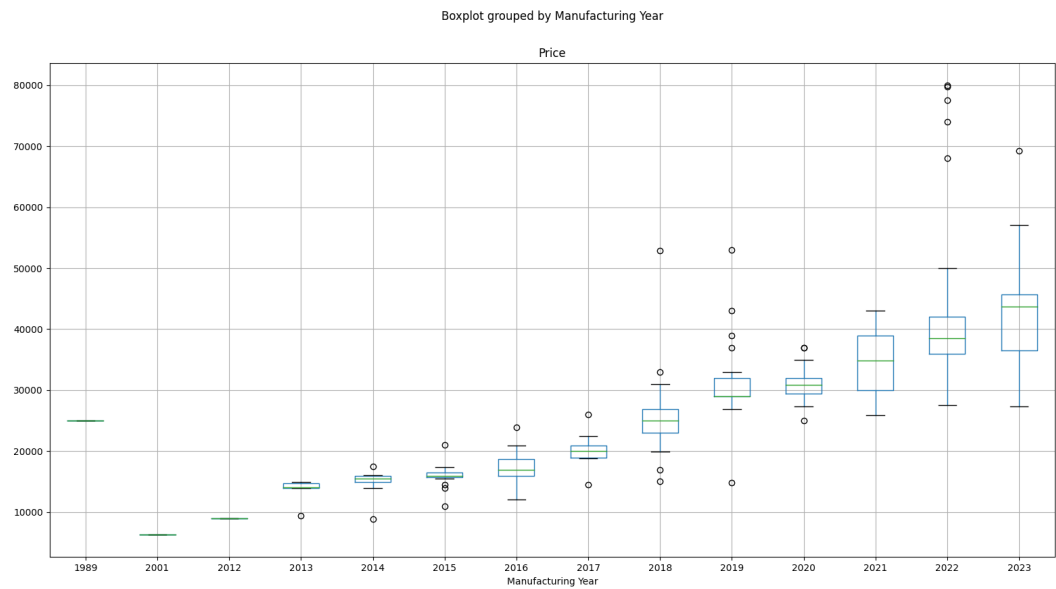
Price by Year Average

Manufacturing Year	Price
1989	24950.000000
2001	6285.000000
2012	8995.000000
2013	13920.909091
2014	14904.400000
2015	15977.647059
2016	17244.900000
2017	20126.181818
2018	25985.851852
2019	30910.655172
2020	31150.173913
2021	34421.392857
2022	40487.782178
2023	42406.400000

Average Price Bar chart



Average price Box chart



Scatter facet chart



Map Chart

