Project 1

Given the car dataset in the attachment, which includes the information of 394 cars. Suppose your friend Mark currently owns a BMW 2002 (its detailed information can be found in the dataset), and you would like to buy a similar one, so you start exploring this dataset.

In order to find similar ones, your specific tasks for this assignment include:

1) Besides the first column of the dataset, you need to choose information from **at least five columns** to find cars similar to BMW 2002.
2) If needed, you can use any computational methods with any programming language to process the data.
3) Design at least one visualization that can help you to understand why some cars are similar to BMW 2002, using the information from your picked columns.
4) Implement your design with d3.js.

As a programming assignment, you should use good software engineering practices. Comment your code, use consistent formatting, use meaningful variable names, etc.

Besides submitting your codes, write a document that:

1) Describes your visualization design.
2) Give references for the part of your project that uses other's work, if there is any.

Write your document in MS Word. Use the "Times New Roman" font, 12 font size, and single line space. Up to two pages. Grammar and document format will be considered in grading.