CST 383: Intro to Data Science
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Learning about cars with Pandas

Important note: you must follow the course honor policy. Part of the policy is that you can't show others your code, and can't look at others' code.

Purpose: The purpose of this assignment is to help you develop skill with Pandas by applying it to data on cars from 1978.

Instructions. Download cars.py. Information about the data set and inserting your code into the file are given at the top of the file.

Read sections of Chapter 3 of the Python Data Science Handbook as needed. Also, the Pandas document on Series is excellent.

The file output.txt will help you check your code. This file contains the output from my solutions to the problems in the assignment.

Please follow the instructions carefully, as your code is graded automatically.

Testing. To test your code, download cars-testing.py and translate_to_functions.py and put them in the same folder with your cars.py file. Then run the command 'python cars-testing.py'.

- On a Mac: run this command in a terminal
- On a Windows machine: run this command in the Anaconda prompt

In either case, the current directory of the terminal must be the one where you have cars.py. Use the 'cd' command to change directory, if needed.

If the tests all pass, you will see output like this:

```
...........
----------------------------------------------------------------------
Ran 11 tests in 0.028s

OK
```

The test set only has tests for certain problems, and, even for problems that have tests, the test set is not complete.

Submission. Submit your edited cars.py on Canvas.

Grading. The assignment is worth 50 points.