Project Management Assignment

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This assignment will take us through the basic steps of working on a project. We will go through a complete project workflow (albeit a quite simple project). We will go from raw data /Users/kbutts/Downloads/Large Cars Dataset.csv´to a final paper in a way that is reproducible.

1. Create a basic project folder structure. Include the following folders `code/`, `data/raw/`, `data/base/`, `out/`, `out/figures`, and `out/tables`.

2. First we will download a raw dataset. To do this, let's download this dataset of cars: https://www.kaggle.com/datasets/makslypko/large-cars-dataset.

   - Download the data and put into your `data/raw/` folder (perhaps in a subfolder).
   - Add a `README.md` or `README.txt` file that marks where you downloaded the file from and make the date you downloaded it.
   - Make sure to save the data dictionary for easy reference. I added this to my `README` document.

3. Create a new script that loads the cars dataset, cleans variable names (if desired), and then export to `data/base/` (perhaps create a subfolder).

4. Create a new script to do a basic data analysis. Load the data, create a basic scatterplot with two variables of your choice, and export the figure in to `out/figures/`. Give the exported file a high-quality name.

5. Last, create a latex document in your `out/` folder. If you have never used latex, that is okay! Start with `template.tex` which is a basic template for your future use. All you need to change is the figures to use your exported figures.