CIV 373 Homework 1

due: **9/4/24**

Instructions: Please submit solutions on canvas. Only a knitted pdf of an `Rmarkdown` file will be accepted.

Problem 1: Load the `cars.csv` data into your R workspace.

a. Describe what this data set contains?

b. How many observations and how many variables exist?

c. Provide a summary of the variable ranges.

d. What proportion of cars are minivans?

e. How many cars are all-wheel-drive (AWD)?

f. What is the average horsepower across all cars?

g. Create a new variable denoting cars that are "AWD pickups" and add it to the data set. How many cars are AWD pickups?