

Due by start of class on Tuesday, March 18

Find a parking lot of your choice, and note down the color, make, and model of at least 20 parked cars. Make sure you also note other pertinent information, such as the time day of the week and time of day that you did the survey, the location of the parking lot (e.g., city, state, zip, particular college campus or business with which the lot is affiliated), and the weather (sun, rain, cloud cover, temperature). Make sure you take the survey when the lot is relatively full, so that the data you collect has some statistical significance (i.e., collect all data at one sitting).

Then, go online to www.fueleconomy.gov and look up the gas mileage rating for each car. Note that since you do not have the model year information, just take the 2007 rating. If a particular make/model is no longer manufactured in 2007, take the rating of the last year in which the car was manufactured.

Enter your data into an excel table and submit an electronic copy via e-mail or through blackboard.