

ASSIGNMENT: SIMPLE REGRESSION MODEL

1. SIMPLE REGRESSION USING EPA MILEAGE DATA

In this assignment we build a simple regression model to use the EPA mileage data to predict gas mileage (mpg) using vehicle weight (etw) using R.

First go to the course website and copy the URL for the EPA mileage data `.csv` file into the clipboard. The URL is:

```
http://www.sandgquinn.org/stonehill/MA225/notes/09tstcar.csv
```

To download the EPA data, start *R* and enter the command:

```
epa<-read.table("",sep="," ,fill=TRUE,header=TRUE)
```

Now paste the URL for the file between the adjacent double quotation marks following the left parenthesis '(' . The result should be something equivalent to:

```
epa<-read.table("http://www.sandgquinn.org/stonehill/MA225/notes/09tstcar.csv"
```

Now follow the example in the 4/27 notes, which did a simple regression model predicting mpg from engine displacement (cid).

Use the results to answer the questions posted on eLearn.