SI 618 Winter 2017 Homework 10: Clustering

In this homework, you'll practice using hierarchical and k-means-family clustering on an automotive dataset.  The dataset file **cars.tsv** is provided in the zip file.  You'll also need the 'gplots' and 'cluster' libraries (you may need to install if you haven't used them before). Note that many clustering-related functions in R either produce graphical output themselves, or produce objects that work directly with R's built-in plot() function. So unlike other assignments, you don't need to use ggplot() here to create these plots: just plot() will do.

**The remaining detailed assignment instructions and sample output are included in the si-618-hw10-solution.html in the attached .zip file.  The R Markdown template is also provided, and is named si\_618\_hw10\_report.Rmd**

**What to submit:**

A zip file named 'si618hw10\_youruniquename.zip' containing:

* The R Markdown file you wrote, named 'si618hw10report\_youruniquename.Rmd'
* The HTML report generated by your R Markdown file.