Use the techniques we’ve talked about in the last two weeks (OK, mostly this week) to make some graphs from the **mpg** dataset in R, to try to find out what the data can tell you.

1. Do a short writeup in Word (or a Jupyter notebook if you’re feeling exceedingly fancy) with what you found and your visual evidence (graphs). (Submit through Blackboard.)
2. Give me an R file, too, please, so that I can reproduce your results. (Submit through Blackboard.)
3. Finally, be prepared to come to class next Tuesday with something interesting to tell us about vehicles from 1999 to 2008, with a visual (or several visuals) to back it up.

You’re allowed (encouraged!) to share information with one another over Slack, even if that leads to multiple people drawing the same conclusions from the dataset. If several people show up with the same interesting thing to tell us, because people were sharing ideas and tips about things to try, I’m honestly happier than I would be if you didn’t help each other at all.

Besides the help page for **qplot()** (which uses mpg as an example!), you may, optionally, use the following resource as a guide: <http://pages.stat.wisc.edu/~st849-1/Rnotes/qplot.pdf> (You **do not** have to make use of everything in that guide. I didn’t show you jitter() or faceting, and I *don’t* expect you to go figure that out on your own. You don’t have to use the $ syntax, either