

- Inclass 2 Part I + II, one R script; By Monday September 15 at 1pm.
- Submit the R script with code and comments to Dropbox and your CMDA Git repository.
- *Commit and sync your Git.*

In-class Part I

- 1) Explore the numerical summaries for all the variables in the “custdata” dataset. Comment on what you observe for each one. Address the common issues we talked about (outliers, units, missing values, data range).
- 2) Explore the numerical summaries for the “uciCar” dataset we worked with in Lecture 6. (car data) Comment on what you observe.
- 3) Load the “credit.Rdata”, the German credit data. Explore the numerical summary for the variable “Personal.status.and.sex”. How do genders compare in terms of marital status? Explore the numerical summary for “Other.debtors/guarantors”. What do you glean as information about German loans?

In-class Part II

- 1) Install the “hexbin” package; create a hexbin plot for the age and income variables in custdata2 data frame. How does that compare to the scatterplot?
- 2) Visualize the relationship between the variables “Number of vehicles” and “Income”. What type of chart do you use? What do you see?
- 3) Visualize the relationship between the variables “income less than 30k” and “recent move”. What type of chart do you select? What do you see?