Homework 1
MSCS 6520 Business Analytics
Spring 2018
Assigned: January 29, 2018
Due: February 5, 2018 (by beginning of class)

Readings

Chapters 1-3 in *R for Data Science*

Chapters 1-2 in *Data Mining for Business Analytics*

How R Helps Airbnb Make the Most of Its Data

Exercises

Using a dataset (except the `mpg` dataset used in the book) available as a R library and create the following plots:

1. Scatter plot (e.g., section 3.2.2)
2. Colored scatter Plot (e.g., plot 3 in section 3.3)
3. Smoothed line plot (e.g., section 3.6)
4. Bar chart (e.g., section 3.7)
5. Box plot (e.g., section 3.9)

A list of datasets packaged with R are available here:

https://stat.ethz.ch/R-manual/R-devel/library/datasets/html/00Index.html

Use the "Export" option to save each plot as an image. Submit a single PDF containing all of the plots and output to your drop box.