R Bridge –Final Project

You should post your solution to RPubs.com, and include the URL of your posted solution in GitHub. You are also expected to make a short (3 to 5 minute) presentation during our final week Meetup.

Please note:

1. *You may substitute a dataset of your own choosing that demonstrates your understanding of the three capabilities highlighted below. You may work in a small group if you choose your own dataset.*
2. *If you are also taking the SQL bridge, you may instead design a final project of your own choosing that incorporates what you have learned in both of these bridge courses. For example, you might design and populate tables in SQL, then export the data into R, where you create some basic explanatory data analysis. This will require some forethought on your part. You will only be required to present once if you choose to combine finals.*

This project is where you show off your ability to (1) use R packages, (2) change the shape of data in a data frame, and (3) provide basic summary statistics and graphics as part of your exploratory data analysis.

- You should start by installing and loading the R package `hflights`, which is available on CRAN and described here: https://cran.r-project.org/web/packages/hflights/hflights.pdf
- You should perform some basic transformations on the data frame, such as including only a subset of columns, created one or more new derived columns (such as flight date), and/or filtering out rows.
- You should then create basic summary statistics. You should create at least one interesting question for analysis, and answer the question using two or more graphics in R.