# Lab 9 (2018) – R, igraph

In this lab we are going to build a R script which will create at least one graph using the igraph library.

A refresher on R:

<http://bit.ly/R_Bootcamp_Spring2017>

You can pull a dataset from any source, but be sure to document where you got the dataset from. Ultimately you must be able to use the dataset to produce an igraph.

You may wish to look on kaggle for a dataset: <https://www.kaggle.com>

**igraph:** Producing graphs with vertices and edges. To receive full credit, you must produce a meaningful graph from your data. Your graph must have labels. The more info included in the graph the better (think creativity)

Along with your R code and your output pictures, please include answers to the following questions:

What dataset did you use and why?

What did you learn about the dataset from your exploration?

What challenges did you face (due to R, the dataset, or formatting), and how did you overcome them?

You will be graded on the following;

Formatting and coding quality : 10

Objective 1 – Import & Process : 10

Objective 2 – Creating an igraph : 10

Creativity/Coding style : 10

Documentation/Questions : 10