Assignment #5

Complete the following tasks:

- Using the dataset of your choice, do the following

- Import the data using code

- Create two contingency tables using two separate potential associations. You may use the same column variable for each table, but you must use two different row variables. E.G. I could use political party and see if it is dependent upon one's sex and I could use political party and see if it is dependent upon one's race.

  o **Be sure to discuss the variables you are using** (i.e. create a descriptive table with central tendency and variance indicators).

  o Run a statistical test for association and discuss the results.

  o Look through the Power Point presentation to see the variety of contingency tables you can display. You may find it necessary to discuss column percents, row percents, and individual cell percents or may want to just discuss column and row percents. This depends on the story you want to tell your audience.

  o Discuss the results of the table. Again, look at the power point for examples of how to discuss.

  o **DO NOT JUST GIVE ME R PRINTOUT.** If I just get R printout I will not grade the assignment and ask you to do it again. Table the results so that they are aesthetically pleasing i.e. look at the 'Table Etiquette' pdf and previous presentations about appropriate ways to display data.

- **This should be done in narrative format.** Start writing these assignments like you would a paper with a healthy discussion of the variables, their central tendencies, their variation, any statistical test that you run on them and give the reader some idea of the importance of these results – break it down for those uninitiated with your work.

Assignment #5

What to turn in

- Publish your homework to GitHub under your user account, the appropriate format (check syllabus for instructions). This means turn in a separate document from your code that answers the questions above.

- Upload the code you used to GitHub.

- Provide me the links of these two files via e-mail no later than Friday, November 16th at 6:00pm.