Title: Web-based Information Visualization

Critical Resources: An internet-enabled computer with MS Word, access to myCourses.

Learning Objectives:

The learning objectives of this assignment are:

- Understand how to create basic web information visualizations
- Understand how to fuse digital data into a web information visualization tool

Deliverables:

A write-up of your response to the instruction questions in MS Word format (no PDFs). Be sure to include your name within your submission. Use the following naming convention for your file before posting: {your_last_name}_{first_ initial}_assignment_5.doc (or docx). For example: Golen_E_ assignment_5.doc. Upload your write-up to the Assignment 5 dropbox on myCourses.

Instructions:

Create a web tool that combines three web information visualization tools that you learned about in class or came across on your own. For example, two types of Google charts and a d3js tool. The three tools must incorporate digital data (hint – you may use your indicator data from the last assignment, the waveform data, or a data set of your choosing). The three tools *do not need to interact with one another*. Image exports from Tableau do not count. I am looking to assess your technical abilities to work with web-based visualization tools.

Your web visualization tool must be publically available on people.rit.edu.

Write a **one page**[1] essay where you:

1. Provide a link to your web visualization tool.

2. Provide a brief description of what your tool does (with a screen capture included for reference).

3. Discuss how easy you found it to develop with the web information visualization tools.

4. How intuitive you think your tool is as per the arbitrary/sensory and affordance ideas from the Ware (2004) reading.

Comments:

- You will still receive credit if you cannot get your tool to work. If this is the case, explain the problems you faced.

Extra credit: (cannot make assignment grade exceed 105% points): Implement linking in your tool – i.e., highlighting a data observation in one tool highlights the same data observation in a second (or third) tool. (+5 points).

[1] 1 page is defined as 12 point font, 1.5 lines spacing, 1" margins.