**Week 3 Lab Assignment**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Instructor Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Please use this template to help answer the questions listed in the lab instructions. The “parts” below refer to the parts listed in the lab instructions. Type your answers and post your screenshots in the spaces given below. Then, save this document with your name and submit it inside the course room.

**Part 1. Read the assigned article.**

Please reach out to your instructor if you did not receive the assigned article for the term by Monday of Week 3.

**Title: Review of [Type out name of Article]**

**Author(s): [Type out names of Author(s) of the Article]**

**Summarize the assigned article in one paragraph. Make sure to quote and interpret at least one statistic.:**

**Part 2. Choose ONE Graph, Table or Chart from the article.**

**Post a screenshot of ONE graph, chart or table from the assigned article (The article may have more than one chart/table/graph but you only choose one to analyze in this lab):**

**Part 3.  Analyze the article.**

**Analysis**

(Answer the following questions thoroughly in complete sentences, referencing the graph, chart or table you selected from the article.)

1. What **type** of data does the graph, chart or table from your screenshot above display (Quantitative or Qualitative data)? **Explain** how you came to that conclusion.
2. What **type** of graph, table or chart did you choose from your screenshot above display (bar graph, histogram, stem & leaf plot, etc.)? What characteristics make it this type (you should bring in material that you learned in the course)?
3. **Describe** the data displayed in your graph, table or chart from your screenshot above. What is the graph displaying in context of the article?
4. **Draw a conclusion** about the data from the graph, table or chart from your screenshot above in context of the article. Make an inference based on the data displayed.
5. **Pick two alternate graphs/charts/tables** that could be used to display the same data as your selected chart/graph/table from your screenshot above. List the pros and cons of these alternative graphs.

Alternative Graph/Chart/Table #1:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pros:

Cons:

Alternative Graph/Chart/Table #2:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pros:

Cons:

1. **Explain** how the graphs/charts/tables that you selected above (Part E) would be structured to display the data in the article.

Alternative Graph/Chart/Table #1:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explain how the Graph/Chart/Table #1 would be constructed to display the same data as the selected Graph/Chart/Table from the article.

Alternative Graph/Chart/Table #2:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explain how the Graph/Chart/Table #2 would be constructed to display the same data as the selected Graph/Chart/Table from the article.

1. Give the full APA **reference** of the article you are using for this lab.

Be sure your name is on the Word document, save it, and then submit it. In the assignment module, click “start assignment” and then “upload file” and “submit assignment”.