Feedback for Project Number 11

## Instructions

Use the program below (beginning line 13) to figure out who you will be critiquing. You will critique two of your colleagues’ work and provide feedback for them to produce their best work. Make sure you use *your number as it aligns with the Google Document’s Position Number column* in the program below (line 16). Remember this is to help them out so do not be mean, but also do not hold back. Be sure to highlight areas of success as equally as areas of failure. Use the template below the code to provide them this feedback. You can find the [project links here](https://docs.google.com/spreadsheets/d/1B6t14PVugUrvwmmJzYw9LDZKwrbmrkHXT_097w69slc/edit?usp=sharing)

**Be sure to change the name of the project in the title above and in the document title.** This is the project number you are critiquing and should be included in the output file so that the document name reads ‘Critique\_of\_Project##.docx’. Once you are finished, e-mail me both documents (one document per critique) and I will upload them to the ‘Peer\_Reviewed\_Work’ folder so that your peers can view them. Do not e-mail me the .Rmd file. These reviews are due by **Sunday, May 9th at 11:59pm CST**. For ease you can use this markdown file to fill out your responses and knit which will produce a word document for you.

## Feedback Below

**What did you first notice about this project?**

The first thing I noticed about the project came from reading the title and that the topic would be about how increased animal product consumption can possibly lead to certain health effects. When I opened the shiny application for the project, I first noticed and paid attention to the line graph about 20 years of data and the graph measuring the average consumption in pounds per year. I then noticed the title and the different options to choose the three different animal products and the three different health problems the user can select.

**What was this project’s main story?**

The main story of the project is to illustrate the how certain health problems can possibly be affected by the increase in the consumption of animal products. The project focuses on the three health problems of diabetes, hypertension, and obesity and how in general all three have increased in the percent of the population from 1999 to 2018. This is more noticeable in diabetes and obesity. The project also shows that in general from 1999 to 2018 that the average consumption of meat, eggs and dairy increased. This increase is more noticeable for the dairy and egg consumption.

**What were some areas of improvement?**

I assumed that the project dealt with the population in the United States. The title can possibly include the specific population whether it is by country or global to get a better understanding of the focus of the project. Selecting the year range (min and max) only modified the animal consumption graphs and not the health problem graphs. It may improve the story of the project to allow selecting the year range to act similarly to how it works with the food consumption graphs.

**What elements would you add to this project?**

An element I would like to be added is a breakdown of meats, specifically red meat (beef) consumption. Meats are diverse and it seems there is a more negative view towards red meat compared to other meats such as chicken or fish. Have all meats increased in consumption or has there been possibly an increase in some meats and possibly a decrease in others like fish? One minor element I would add is giving the user the option to select the color of the lines and/or points. One thing I love about Shiny is how it gives the user more interactive options. This is not needed but just an option I like.

**What were some successful elements of this project?**

The project is successful in demonstrating there is evidence that increased consumption in animal products does affect health problems. The graphs show overall increase in obesity, hypertension, and diabetes along with the increased consumption of animal products. I like that the user can select multiple animal products and health problems and see different graphs. Twenty years of data is in my opinion a good time frame to illustrate the story of the project. The graphs are easy to read and understand the data being presented.

**Any other thoughts you would like to convey to your peer?**

Overall, I enjoyed reviewing this product. I am considering consuming more vegetables and fruits and less meat. Good job.