Midterm Assignment Rubric

General criterial from the syllabus:
Organization: The work is well-organized and is presented in a form that is easy to read and understand. Analysis combines numeric, graphical, and verbal presentations.
Planning: The approach taken r eflects a strategy formed by understanding the problem to be solved.
Execution: A minimum amount of code has been used. The submitted code runs without error.
Clarity: The code is easy to read and understand. The code, associated comments, documentation, and presentation form a seamless whole.
Quality of Communication: Documents, slides, websites, and dashboards are attractive and clear.
Curiosity: The work submitted reflects a process of exploration to make the analysis as clear as possible.

Criteria specific to this project:

1. Assignment is submitted using an assignment-specific GitHub link.

2. The wrangling code to read and organize the csv files:

    - is well organize and efficient
    - uses current tidyverse packages and functions, avoiding prior versions and deprecated features
    - is generalized (e.g., Your code is “generalized” if it can read and process a new file downloaded from the USDA site (e.g. a similar file of blueberries data).)
    - is well documented with commentary
    - includes programmatic decisions about the “toxicity” of the chemicals.

3. Your application avoids redundancy. The same data organization is used to produce the document, the presentation, and the shiny application. The code for graphical elements (plots, images, maps, tables) runs a minimum number of times to generate your output.

4. A pdf document (as described in the assignment) has been generated from an Rmd file.

5. A presentation file has been generated from a Rmd file. Your presentation should

    - Be concise
      Remember, you will be presenting your results to the class. Your presentation file is

NOT a standalone product. Rather it is used as support for your group's presentation.
    - Use mouse over to support display of data during your presentation
    - Be programmatically generated

6. Your classroom presentation should

    - present an EDA based on the strawberry and toxic chemical data provided for this assignment. You may include any other data aids your EDA.
    - be concise and to the point
    - use the presentation file generated from your code -- without glitches.
    - include a short demo of your shiny application, showing how it allows the user to explore aspects of your data beyond the analysis your group presented.

7. Each group member has created a FlipGrid video discussing "plus/delta" observations about how the group worked.