Homework 1

Nutritional Information of Fast Foods

We have collected the nutritional information about fast food menu items from different restaurants. Please use the provided data to answer the following questions.

Simple Statistics

1. How many rows are there of fast foods data?
2. How many restaurants are in this dataset?
3. How many different types of food are reported in this dataset?
4. What's the average number of calories (rounded)?
5. What's the smallest serving size?
6. What food has the highest amount of sodium? How much is it?
7. If you ate *every* menu item on the list, how many calories would that be?
8. What food has the highest amount of sugar? How much is it?

Filtering Data

Sometimes we want to focus on just a subset of data and we don't care about other categories.

9. How many milkshakes are in the data set?

Summarizing by group

10. Provide a table that shows the average calories of different types of foods.

Food type	Average calories
Burger	
Chicken Nuggets	
….	

11. What's the highest calorie count of the menu items from each restaurant? Present them in a table.

Restaurant	Maximum calories
Chick-fil-A	
McDonald's	
….	

12. Which restaurant offers the menu item with the highest calorie count?