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CSCI 4341-02

Homework 1

1. How many rows are there of fast foods data?
   126 rows

2. How many restaurants are in this dataset?
   12 restaurants

3. How many different types of food are reported in this dataset?
   6

4. What's the average number of calories (rounded)?
   532

5. What's the smallest serving size?
   44

6. What food has the highest amount of sodium?  What is it?
   2/3 LB Double Thickburger, Burger, 2460

7. If you ate every menu item on the list, how many calories would that be?
   67094

8. What food has the highest amount of sugar?  How much is it?
   Chocolate Frosty Shake (Small), Milkshake, 93

9. How many milkshakes are in the dataset?
   12

10. Table to show the average calories of each type of food

```
type
Breaded Chicken Sandwich    522.0
Burger                      620.0
Chicken Nuggets             275.0
French Fries                314.0
Grilled Chicken Sandwich    408.0
Milkshake                   607.0
Name: calories, dtype: float64
```

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11. Highest calorie count of the menu items for each restaurant

| | index | restaurant | calories |
|---|---|---|---|
| 0 | 0 | Burger King | 1040 |
| 1 | 1 | Carl's Jr. | 1020 |
| 2 | 2 | Chick-fil-A | 560 |
| 3 | 3 | Dairy Queen | 770 |
| 4 | 4 | Hardee's | 1140 |
| 5 | 5 | In-N-Out Burger | 670 |
| 6 | 6 | Jack in the Box | 1030 |
| 7 | 7 | McDonald's | 750 |
| 8 | 8 | Sonic | 1240 |
| 9 | 9 | Wendy's | 1090 |
| 10 | 10 | Whataburger | 1110 |
| 11 | 11 | White Castle | 550 |

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