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CGT 27000

1)

- 9 of the 78 cereals had -1 cup, which is scientifically impossible. They didn't specify what negative numbers mean in this dataset, so these values don't exactly make any sense with what we are given.
- Similar situation to the previous bullet point, as Quaker Oats has negative carbohydrates, however it is the only one that possesses a negative number in this category, making it an outlier.
- The potassium category has by far the most variety out of all the variables as its amount can range from 0 to over 300!
- Most brands that had calories below 100 consistently had 0 fat and a higher amount of protein compared to the more consistent numbers of the three categories.
- Calories and sugar intake seem to be related to each other at first glance, as they have a possible linear relationship with one another

2) I loaded the data to Excel, analyzed it, and thought a bar graph would be the best kind of graph to isolate manufacturers and other sole variables I found relevant, such as the cup amount.

In this case, I used a bar graph that compared the sum of cups by the manufacturers listed. I made this graph by using the charts recommended to me by Excel.

3) The biggest obstacle I had was how some of the numbers and variables had been entered. A good example of this are the manufacturers. Instead of listing the full names of the companies who produced said cereal listed, they only gave capital letters, which made it confusing as if I didn't know the manufacturers of the cereal at the top of my head, I wouldn't know who these letters were referring to. I believe it made interpreting the data more confusing. That and some of the negative values. Having a negative amount of carbohydrates and cups is scientifically impossible, as manufacturer A had a -1 sum of cups. This either must have been an error from the person entering in the data or the negative values would have meant something, but wasn't specified. These issues combined would make the data harder to interpret as there is no specificity to these variables listed.

4) Picture of an Excel graph I made:

