Calories and Protein

1. Calories and Protein are negative correlated (-0.08) or they are inversely proportional to each other.
2. 95% confidence level of protein is from 1.5 to 3.5 and for calories 95 to 118.
3. Largest variance in calories and lower in protein.

Calories and Fat

1. Calories and Fat are positively correlated (0.53) or calories are directly proportional to fat.
2. 95% confidence level of fat is from 0 to 3 and for calories 95 to 118.
3. Variance of fat is lowest as compare to Calories and Protein.

Calories and Sodium

1. Calories and Sodium are positively correlated (0.34) or they are directly proportional.
2. 95% confidence level of sodium is from 70 to 250.

Calories and Fiber

1. Calories and fiber and negatively correlated (-0.19) or they are inversely proportional.
2. 95% confidence level of Fiber is from 0 to 3.

Calories and Carbo

1. Calories and Carbo are positively correlated (0.13) or they are directly proportional.
2. 95% confidence level of Carbo is from 10 to 20.

Calories and Sugars

1. Calories and Sugars are positively correlated (0.59) or they are directly proportional.
2. 95% confidence level of Carbo is from 4 to 12.

Calories and Potass

1. Calories and Potass are negatively correlated (-0.03) or they are inversely proportional.
2. 95% confidence level of Potass is from 20 to 150.

Calories, Vitamins, and Weight

1. They are not correlated.

Calories and Shelf

1. Calories and Shelf are positively correlated (0.15) or they are directly proportional.
2. 95% confidence level of Shelf is from 1.5 to 3.

Calories and Cups

1. Calories and Cups are positively correlated (0.08) or they are directly proportional.
2. 95% confidence level of Cups is from 0.6 to 1.1.

Calories and Rating

1. Calories and Rating are negatively correlated (-0.75) or they are inversely proportional.
2. 95% confidence level of Rating is from 30 to 50.

**Conclusion:**

Negative correlation with Calories.

Rating>Fiber> Protein > Potass

-0.75 > -0.19>-0.08>-0.03

Positive correlation with Calories.

Sugar>Fat>Sodium>Shelf> Carbo >Cups

0.59>0.53>0.34>0.15>0.13>0.08

**If we increase calories rating will be lower and if we increase Sugar or Fat the calories will be higher.**