

August 31, 2017

# BEER AND PRETZELS

## 1. RELATIONSHIP BETWEEN DIMENSIONS

### A. Pretzels Vs Non-Pretzels

There is a negative relationship between the sale of pretzels and non-pretzels as depicted in worksheet 1.

### B. Pretzels Vs Beer

There is a positive relationship the sale of pretzels and beer as depicted in worksheet 2.

### C. Non-Pretzels Vs Beer

There is a negative relationship between the sale of non-pretzels and beer as depicted in worksheet 3.

## 2. IS THE RELATIONSHIP BETWEEN BEER AND PRETZELS/NON-PRETZELS DEPICTED MORE CLEARLY IN WORKSHEET 2 OR WORKSHEET 4?

The relationship is more clearly depicted in worksheet 4 as the positive relationship can be observed between beer and pretzels and negative relationship can be observed between beer and non-pretzels with much clarity when beer is used as a common X-axis.

## 3. IS THERE ANY APPARENT DIFFERENCE IN RELATIONSHIP BETWEEN PRETZELS AND NON-PRETZELS ACROSS REGIONS DEPICTED IN WORKSHEET 3?

From a visual examination, no apparent difference can be observed in relationship between pretzels and non-pretzels across regions. The negative relationship is present across all regions and the points are scattered uniformly.