Winsorized mean

Steps to calculate Winsorized mean:

1. Sort the data in descending order.
2. Note the First and Last value of the data after sort. These will be the highest and lowest data.
3. Now compare the First value with second value and Last Value with second last value.
   1. If First value is 25% greater than second value, then replace the First value with second last value. Else leave the last value alone.
   2. If Second last value is 25% greater than last value, then replace the Last value with Second last value.
4. Now calculate the means of the data.

Example:

Data set:

10, 50, 40, 100, 45, 60, 75

Sorted:

100, 75, 60, 50, 45, 40, 10

Applying the above rule:

75, 75, 60, 50, 45, 40, 40

Now Calculating Winsorized Mean:

(75+75+60+50+45+40+40)/7

= 55

Average Sales Calculation

Steps to calculate Average Sales Calculation:

1. Find the largest number from the 13 weeks Sales data and discard it from the calculation.
2. Now check if the second largest number with the third last number
   1. If Second largest number is 25% greater than the Third largest number, then take third largest number as average.
   2. Else take Second largest number as average.

Normal Average Sales Calculation

Take the sales of 13 weeks and calculate the simple average calculation

Top 3 Average Sales Calculation

Steps are as follows:

1. Take the weekly average sales for 13 weeks.
2. List the top 3 sales from 13 weeks.
3. Find the average of these three values.