Mini Math
Week 4

For this challenge you will be working SOLO. You will be using the avocado dataset (avocado.csv). The variables you will be using are as follows:

- Total.Volume: The total volume of avocados sold at a location over several years.

- AveragePrice: The average price of an avocado sold at each location.

- type: whether avocados are conventional or organic type.

- region: The region that a given store is located

1. Visualize the distribution for the total volume of avocado's sold in California retail locations. Draw and describe in full detail (remember unusual features).

2. Using ggplot add color fill to the distribution based on the type of avocado. What do you notice about the total volume of avocados sold for conventional vs. organic.

3. Using a pairwise boxplot compare the total volume of conventional avocados sold in California and Boston.

4. Create a scatter plot showing average price against total volume for organic Californian avocados. Does there appear to be an association?