Questions – Individual Assignment

The questions below are intended to give you a sense of how questions will look on the final presentation.

A. SUBMIT THESE PAGES WITH YOUR CORRECT ANSWERS

B. SUBMIT A TABLEAU PACKAGED WORKBOOK WITH A SHEET PER QUESTION (WHEN APPLICABLE) SHOWING THE RATIONALE YOU USED TO SOLVE EACH QUESTION. NAME THE LABEL OF EACH WORKSHEET AS "Q4, Q5, Q6, ETC.)

1. 1. To connect to multiple tables in a single data source at one time, what must be specified? a. A blend
   a. A calculation
   b. A join
   c. A hierarchy

2. Tableau can create worksheet-specific filters.
   a. True
   b. False

3. What does the box in a box plot represent?
   a. Maximum extent of the data
   b. The range of the middle half of the data points
   c. The median of the middle half of the data points
   d. The outliers of the data

The following questions use the dataset Sample-Superstore Subset (Excel)

4. What is the percent of total Sales for the 'Home Office' Customer Segment in July of 2019?

5. Find the top 10 Product Names by Sales within each region. Which product is ranked #2 in both the Central & West regions in 2018?

6. In the Technology Product Category, which unprofitable state is surrounded by only profitable states? a. Colorado

7. If 2018 Sales numbers were expected to increase by 50% in the following year, what would be the total estimated sales for the Consumer Segment in 2019?

8. In which Region do all Product Categories fall beneath the overall average profit?

9. Which Product Sub-Category has a Shipping Cost to Sales ratio of above 3%?

10. Find the customer with the lowest overall profit. What is his/her profit ratio?

11. Determine which State in the Central Region has the highest distribution of profits using interquartile ranges.

12. Look at the sum of profits for each Product Sub-Category. Which sub-categories are below the average profit?

13. What percent of total profits do the top 10 customer by Sales represent?

14. What was the Moving Average of Sales in June of 2019, including six months prior and six months after?