**Tableau Assignment**

Q1: Using Sample super -store data set

1. Create a line chart that shows the sales by continuous years.

2. Add the category field to the color mark.

3. Which category has the highest sum of sales in 2021?

Q2: Using Sample super -store data set

1. Add the quantity measure to the filter shelf.

2. Find the sales that have the quantity value equals to 2?

Q3: Using Sample super -store data set

1. Convert the quantity field to a dimension.

2. Find the sales that have the quantity value equals to 2?

Q4: 1. Create a box plot that shows the sales distribution for every category. (Disable aggregation)

2. Which category has the highest individual sale?

Q5: 1. Create a group from states field and name the field to “Group A”

2. Create a new label for the states that contain "an".

3. Check "include other" option so all the other states will be under the "Other" label.

4. Can you create a group or a set from "Group A"

Q6: 1. Create a set for top 3 states and name the set to “set A”

2. Can you create a group or a set from “Set A”?

Q7: (a)Create a text table that shows the sum of sales for sub-categories and sort the values from highest to lowest.

(b)Add the following table calculations to the view: Difference, Percent Difference, Percent of Total, Rank

Q8: 1. Create a bar chart that shows the sum of sales by ship mode.

2. Add a reference line that shows the sum of profit.

3. Which ship mode is under the reference line? (Same Day)

Q9: 1. Create a symbol map that shows the sum of sales in California.

2. Add the city field to the details mark.

Q10: 1. Calculate the average sales per customer.

2. Which sub-category has the highest overall average sales amount across all customers for a given sub category ?