**Tableau- Assignment 3**

1. Imagine a scenario wherein you wish to display only those “Products” whose “Sales” value ranges from 1000 to 7,000. With the help of tableau filters, create a bar chart visualization, depicting the “Sales” of only those products which lie in this range. Write briefly about your key observations. (Use the PowerStore\_USA dataset.)

Ans: Link - <https://public.tableau.com/views/Assignment-3_16785979278880/Problem-3_1?:language=en-US&:display_count=n&:origin=viz_share_link>

1. Using the “Sample-Superstore.xls” dataset, create a view depicting “Top 10 products” by their “Profits” for “Consumer Segment” with the help of the best-suited visualization for this scenario. (Hint: Consider the visuals that are most appropriate for comparing different categories.)

Ans: Link - <https://public.tableau.com/views/Assignment-3_16785979278880/Problem-3_1?:language=en-US&:display_count=n&:origin=viz_share_link>

1. When the first filter's selection limits the second filter to only include values that are currently relevant, this is known as cascading (or hierarchical) filtering. Pick up an e-commerce or a provision store data and using the concept of cascading filters, create a bar graph comparing the sales of various regions wherein the “Sub-Category” filter shows all products that are relevant to “Office-Supplies” Category. Notice that there will be a hierarchy of filters on dimensions, one on category and the other one on sub-category.

Ans: Link - <https://public.tableau.com/views/Assignment-3_16785979278880/Problem-3_1?:language=en-US&:display_count=n&:origin=viz_share_link>

1. Using the “Sample-Superstore.xls” dataset, create a visualization of comparison among different regions based on their average ‘Profit’ in the ascending order.

Ans: Link- <https://public.tableau.com/views/Assignment-3_16785979278880/Problem-3_1?:language=en-US&:display_count=n&:origin=viz_share_link>

1. Using the concept of nested sorting in Tableau, create a view showing “Category” in ascending order sorted within each “Segment” by the sum of their total “Sales”.(Use the “Sample-Superstore.xls” dataset.)

Ans: Link- <https://public.tableau.com/views/Assignment-3_16785979278880/Problem-3_1?:language=en-US&:display_count=n&:origin=viz_share_link>