4) Task -4

* Apply the aspect Floor(sum(sales)) on data
* Specify the profit or sales in terms of percentage
* Apply running total and discrete.
* Plot bar chart by considering the dimension and measures from sample store data demonstrate the same.
* Specify the same in dashboard
* Apply the Segment, depict the same in dashboard.
* Apply the filters on product, sales, region data drag the same in dashboard (stacked chart, bar chart, line chart)

1. Open Tableau and connect to your sample store data.
2. Create a calculated field for the aspect Floor(sum(sales)): right-click on the "sum(sales)" field in the data source, select "Create calculated field" and enter the formula: FLOOR(SUM([sales]))
3. To specify the profit or sales in terms of percentage, create another calculated field: right-click on the "sum(sales)" field, select "Create calculated field" and enter the formula: SUM([sales])/ TOTAL(SUM([sales]))
4. For the running total and discrete, right-click on the profit/sales percentage calculated field, select "Quick table calculation" and choose "Running Total".
5. Create a bar chart by selecting the dimension (e.g. product) and measures (e.g. profit/sales percentage with running total) from the sample store data.
6. To create a dashboard, go to the "Worksheet" menu and select "New Dashboard".
7. Add the bar chart to the dashboard by selecting "Bar" in the "Objects" menu, and dragging it to the canvas.
8. To apply the segment, right-click on the dimension (e.g. product) in the data source, select "Create group" and group the data by desired segmentation.
9. Add the segment to the dashboard by selecting it in the "Data" pane and dragging it to the canvas.
10. To apply filters, right-click on the desired fields (e.g. product, sales, region) in the data source, select "Filter" and choose the desired filter options.
11. Add the filters to the dashboard by selecting them in the "Data" pane and dragging them to the canvas.
12. To change the chart type, select the chart in the dashboard and go to the "Show Me" menu to select the desired chart type (e.g. stacked chart, bar chart, line chart).

5) Task 5

* Interactivity with text and visual tooltips
* Interactivity with actions (filter, highlight, URL)
* Drilldown between dashboards
* Connect to sample store data, plot Running total sales by category, State Sales. Go to dashboard drag then analyze the filter by applying the same.
* Analyze and apply the objects in dashboard.
* Create the worksheet, it must consist of profit category and subcategory, profit by state, profit by productid.
* Add image url and image .

1. Connect to sample store data in Tableau and create a new workbook.
2. Plot Running Total Sales by Category and State Sales.
3. Create a dashboard, drag and drop the above visualizations onto the dashboard.
4. Add interactivity to the dashboard by using text and visual tooltips, actions (filter, highlight, URL).
5. Use the drilldown feature to navigate between dashboards.
6. Analyze and apply filters to the visualizations on the dashboard.
7. Create a new worksheet, and add a visualization of profit by category and subcategory, profit by state, and profit by product ID.
8. To add an image, go to the worksheet and select the Image URL option. Provide the URL for the image and select the "Add Image" option.
9. To add an image to the dashboard, go to the dashboard and select the "Image" option. Provide the URL for the image and select the "Add Image" option.

6) Task 6

* Add filter for the same. The filters can be added by dragging the category and sub-category.Add filter pertaining to values.
* Consider the order table (for the year 2016) Apply sum of sales on category and subcategory.
* Create hierarchy drag and drop the subcategory on the category you can find the +/- symbol in the worksheet. (Drill down product name, category)
* Connect to data represent the data customers by state, sales by order quarter and sales by segment. Drag to the dashboard Apply filters. Add Filter Action later.
* Create pie chart for region by specifying the sales
* Create bar chart for region by specifying the sales
* Represent the above aspect in dashboard

1. Connect to the order table (for the year 2016) in Tableau.
2. Create a new worksheet and add a visualization of the sum of sales by category and subcategory.
3. Create a hierarchy by dragging the subcategory onto the category and adding a drilldown feature (product name, category).
4. Add a filter to the visualization by dragging the category and subcategory to the filter shelf. Add a value-based filter as well.
5. Connect to the data representing customers by state, sales by order quarter, and sales by segment.
6. Drag the above visualizations onto a new dashboard and apply filters to each visualization.
7. Add a filter action to the dashboard.
8. Create a pie chart for the region, specifying sales as the value.
9. Create a bar chart for the region, specifying sales as the value.
10. Add the pie and bar charts to the dashboard for easy comparison and analysis.