

Task 1:

- Getting started with Tableau Desktop worksheet, dashboard, new story. Different datatype,
- Considering the existing Store dataset analyzing (column and row)
- First chart to visualize excel data.
- Connect to the data sample store.
- Plot Line graph for the profit and year.
- Plot Line graph for the profit and year based on city
- Sort by Ascending of sum /descending order
- Plot an order details based on month and city
- Represent the profit month, quarter and yearly basis.
- Represent the same data based on city/order data in combination month -quarterly
- Represent the profit month, sales and product.

Task 2

- Connecting to data
- Types of charts: bar chart, line chart, histogram, pie chart
- Considering the quantity measure to calculate profit with help of category product plot the graph which is visualize the profit through charts.
- To visualize the aggregate measure (category profit).
- Consider Store data analyze the data using the count of order and state
- Consider Store data analyze the data using the count of order, state and quantity
- Consider Store data analyze the data using the count of order, state and quantity for the same plot various graph arrange state in alphabetical order, ascending and descending order.
- Plot chart by considering sales quantity, profit, discount, count of people, count of orders.

Task 3

Connecting to data

- Plot Line graph for the profit and year.
- Plot Line graph for the profit and year based on city
- Use dash board apply filter exclude few cities in dashboard
- Explore the features of dashboard
- Specify the sales and profit and calculate the cost out of the profit and sales.
- Depict the min and max sale for a product.
- Calculate minimum sale by applying the calculation:

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)

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

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.

Task 7

- By using the options layout in dashboard apply the filters
- Create the line chart based on month and sale make dual axis of sale and click respect measures format accordingly.
- Create the pie chart based on profit and sale make dual axis of sale and click respect measures format accordingly.
- Create the stacked chart based on product and sale make dual axis of sale and click respect measures format accordingly.
- Specify in dashboard
- Add image

Task 8

- Represent data customers by state, sales by order quarterly and sales by segment, drag to the dashboard, apply filters(add filter by action)
- Create pie chart by region by specifying the sales(specifying the labels)
- Create bar chart for region by specifying sales
- Create line chart for region by specifying the sales
- Create stack chart for region by specifying the sales, drag the above charts onto the dashboard, apply filters
- Create the line chart based on month and make sales as dual axis
- click on the respective measure format accordingly - stack, pie, dash charts
- By using the options in the dashboard layout, apply the filters
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Task 9

- Perform certain operations on data fields like (any one of the following)

Add new field to worksheets

Combine two or more fields

Create a calculated field

Create set of two fields

Group multiple fields

Search for existing fields

Rename existing fields

Preorder fields

- Apply various kinds of filters on the data (any one of the following)

Extract filter, data source filter, context filter, dimension filter, measure filter

Create various kinds of bar chart for sales the profit -

Horizontal vertical

Segmented

Stacked

Side by side

- Apply shade axis and combine axis over the data
- Create a worksheet based on cat and subcategories
 - And one more worksheet profit wise state, drag on to the dashboard, apply the filters on category, subcategory
 - Create a worksheet which consists of sales and profit, apply the filters, specify range, apply filters on the profit
 - Either apply filter on first 10 sales or profit

Task 10

- Plot a line chart for the order and sum of sales
- Put a donut chart for sum of sales
- For each region specify the colour, dual axes merge to create donut, change the colour
- Plot a map pertaining to the longitude and latitude, specify the labels with colour for state and for value
- Plot the bar chart. Do the analysis on sales and product name based on the sales pertaining to 2019, 2020, 2021.
- Create a bar chart, line chart, a donut or pie chart for sales pertaining to the product and profit. Represent in a dashboard incorporating an image or url.

