**Objective**: The objective of this project is to understand the product data.

**Problem statements:**

Based on the Product Data set file provided, we are going to analyse and develop a dashboard to

Understand the product data. Use filters, parameters and actions wherever possible to

Make the dashboard interactive.

1. Create an interactive map to analyse the worldwide sales and profit. Include map

Layers and map styles to enhance the visualization.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/Map1_16157425531400/Sheet1?publish=yes>

2. Create a filter to display top 3 products under top 3 segments.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/top3products_16157341223150/Sheet2?publish=yes>

3. Interactive analysis to display the average gross sales of a product under each

Segment, allowing only one segment data to be displayed at once.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/segmentwiseavgsales/Sheet3?publish=yes>

4. Use customized shapes to visualize product related data in a scatter plot chart.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/productrelateddata/Sheet4?publish=yes>

5. Create a motion chart to compare the sales and profit through the years.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/motionchart_16157430110540/Sheet14?publish=yes>

6. Annotate the day wise profit line chart to indicate the peaks and also enable drop

Lines.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/annotate_16157356950130/Sheet6?publish=yes>

7. Add a reference line to display the average sales line with 50% confidence

Interval for a bar chart with country, segment wise sales. Create a dynamic

Parameter to allow user’ to decide the percentage of confidence interval.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/REFERENCE/Sheet7?publish=yes>

8. Add go to URL actions in the final dashboard which directs the user to the

Respective countries Wikipedia page.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/gotoURL/Dashboard1?publish=yes>

9. Include images or logos in the dashboard which is linked to a website.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/INDIAMap/Dashboard2?publish=yes>

10. Create phone and tablet layouts to enable mobility of the dashboard.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/phonelayout/Dashboard4?publish=yes>

<https://public.tableau.com/profile/deeksha7271#!/vizhome/Tabletlayout/Dashboard4?publish=yes>

11. Create a box plot chart to find the outliers in every country.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/boxplot_16157372193550/Sheet10?publish=yes>

12. Use set actions to create a proportional brushing for segment wise products.

<https://public.tableau.com/profile/deeksha7271#!/vizhome/set_16157380407920/Dashboard3?publish=yes>