

Final Report of Internship Program 2025

On

“DATA VISUALISATION USING TABLEAU”

APRIL 2025

ACKNOWLEDGMENT

The internship opportunity that I had with CHOCOLATE SALES was a valuable experience for learning and understanding the intricacies of Data Visualization. It also contributed significantly to my personal and professional development. I am truly grateful for the opportunity to interact with experienced professionals who guided me throughout this internship, making it an enriching learning experience.

Firstly, I express my deepest gratitude and special thanks to the Training & Development Team of CHOCOLATE SALES who provided me with the opportunity to undertake my internship at their esteemed organization. I sincerely appreciate their guidance in helping me understand the details of business analytics in the chocolate manufacturing industry and training me in the same. Their mentorship allowed me to carry out the project effectively, ensuring meaningful insights and data-driven decision-making.

This internship has been a transformative journey, and I deeply appreciate the opportunity to contribute to and learn from this experience.

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1.About the company

The **Lindt Home of Chocolate** in Kilchberg, Switzerland, is a paradise for chocolate lovers. It features the world's largest chocolate fountain, an interactive museum, and a live chocolate production area. Visitors can enjoy unlimited chocolate tastings and hands-on workshops. The site also has the biggest Lindt chocolate shop globally. It's a must-visit destination for Swiss chocolate enthusiasts.

2.Project Overview

2.1 General Requirements

1. Dashboard size is 1250px wide by 750px tall.
2. Prefer using containers
3. The dashboard has a total of 5 containers (no more, no less)
4. The Filter Pane 5. Each filter has some padding

2.2 The Charts Pane Requirement

1. All 3 charts must be in one vertical container
2. Do proper formatting
3. Each chart has some padding between them and other objects
4. Each chart has a grey border, slightly darker than the Pane background color.
5. The Pane under the Title has a border

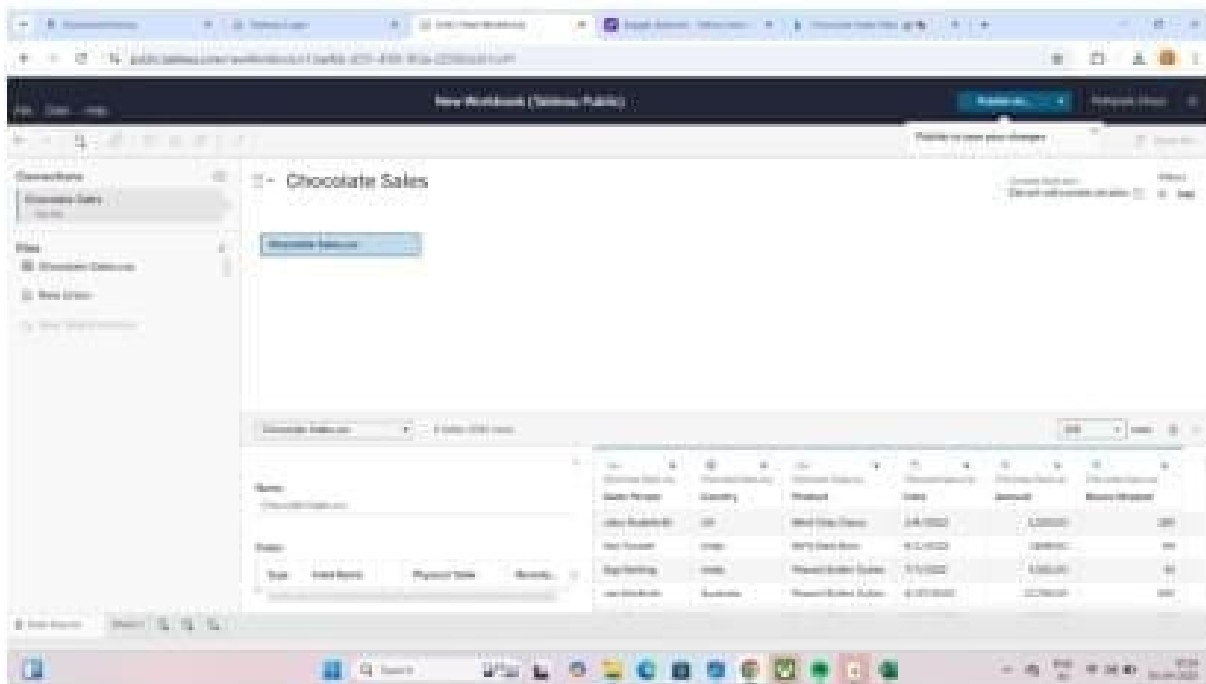
2.3 Business Requirements

1. Show four filters-job, Job Title, Region and Segment. These filters should have only relevant values.
2. The dashboard should have the title "HR Data Analysis".
3. The first chart should have the title "Job Roles" and should show the following-
EMP ID
EMP NAME
JOB TITLE
DATE OF JOIN
4. The second graph should have the title as "salary" and should show each job title as date of join. Make sure it is an area chart with proper formatting.
5. The third graph should the title as "Leave Balance" and should show leave balance for monthly. Make sure it is an area chart with proper formatting.
6. Do proper formatting so that it can look professional

3.IMPLEMENTATION

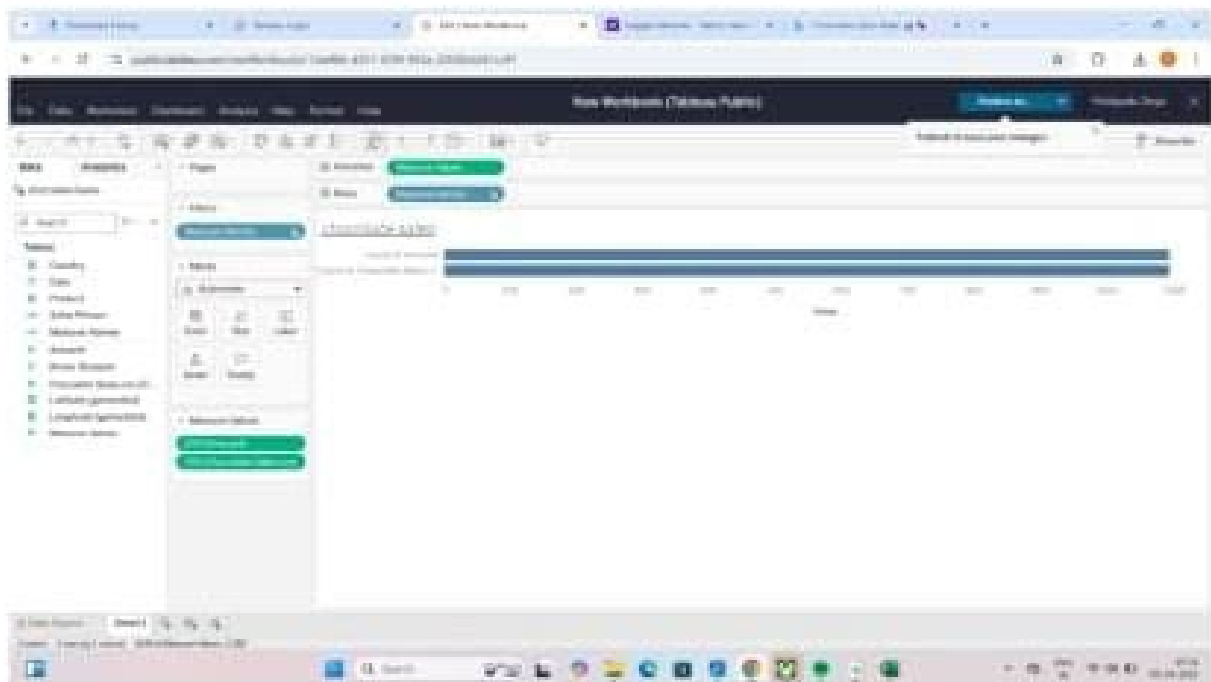
3.1 Data source connection

First, connect the patients – united states dataset to Tableau and select the Chocolate Sales.csv sheet.



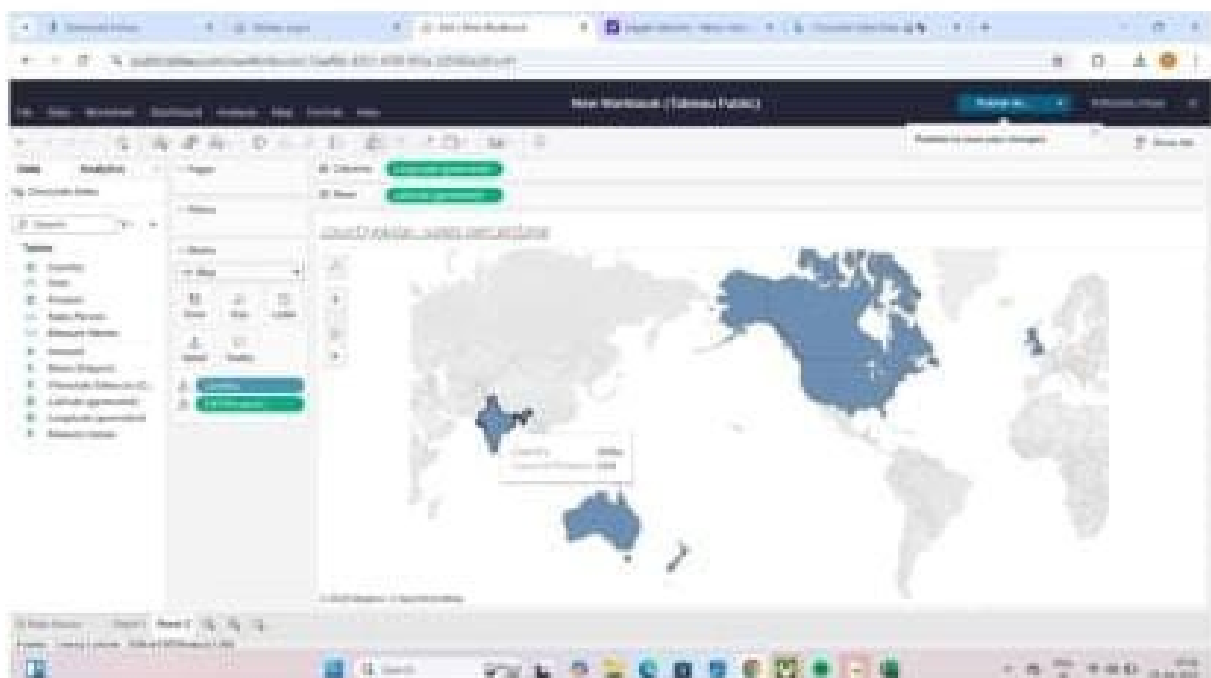
3.2 Create First Tableau worksheet

Now go to sheet 1 and start creating the first graph as explained in the 3rd point of business requirement. Here you can use “measure values” and “measure names” to accomplish this. Once done, make a little decoration and you should get something like below-



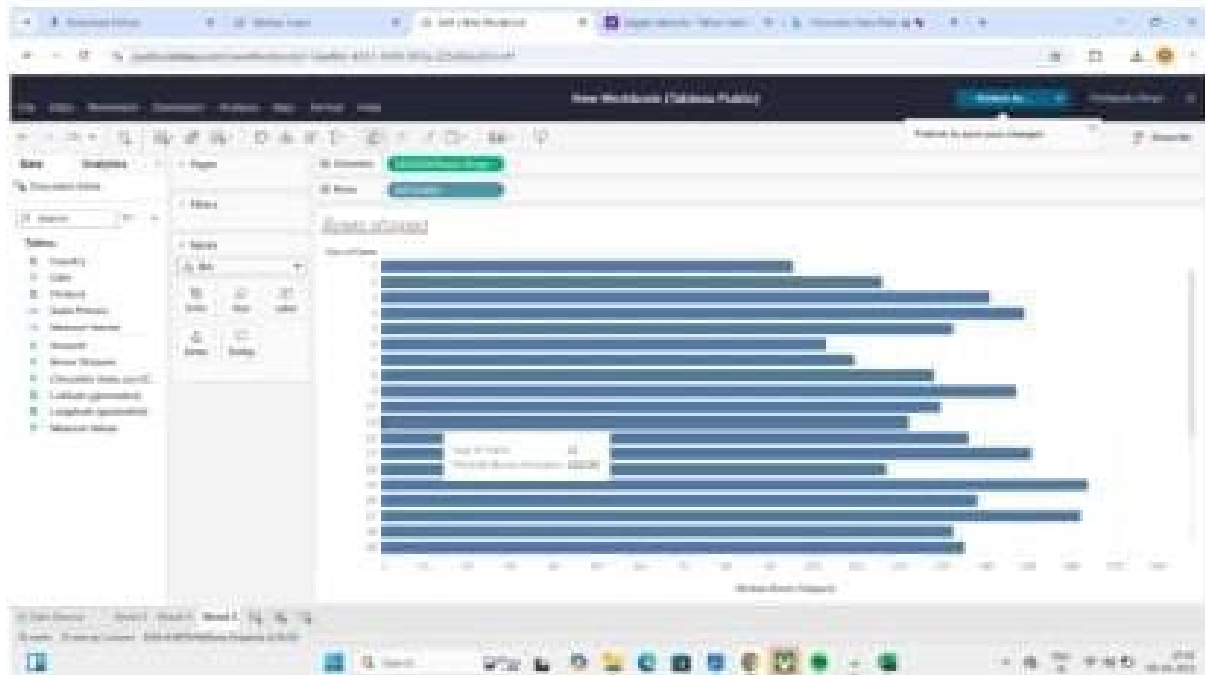
3.3 Create an chart in tableau

In this step, we analysed the country wise sales of chocolate products, these sheet shows the individual count of products of each country.



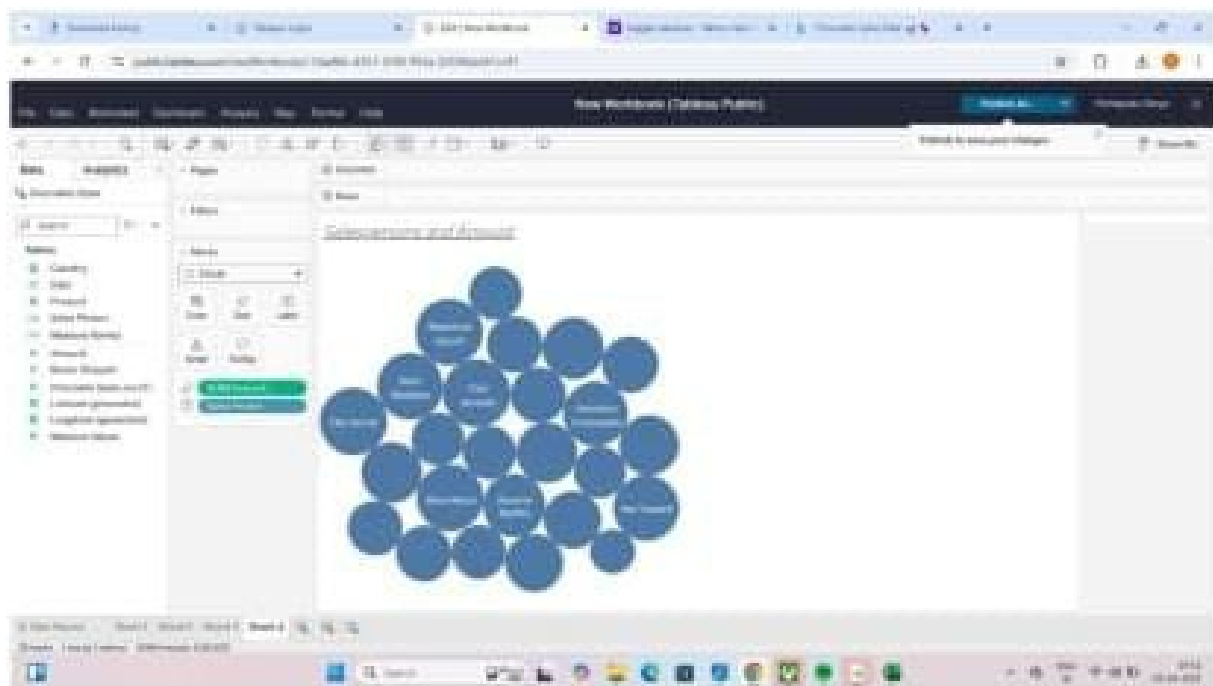
3.4 create an chart about Box Shipped

In this step, which shows about the Box Shipped according to their dates, the data showed in bar graph. Each bar graph shows the data about the day of date with median Boxes Shipped.



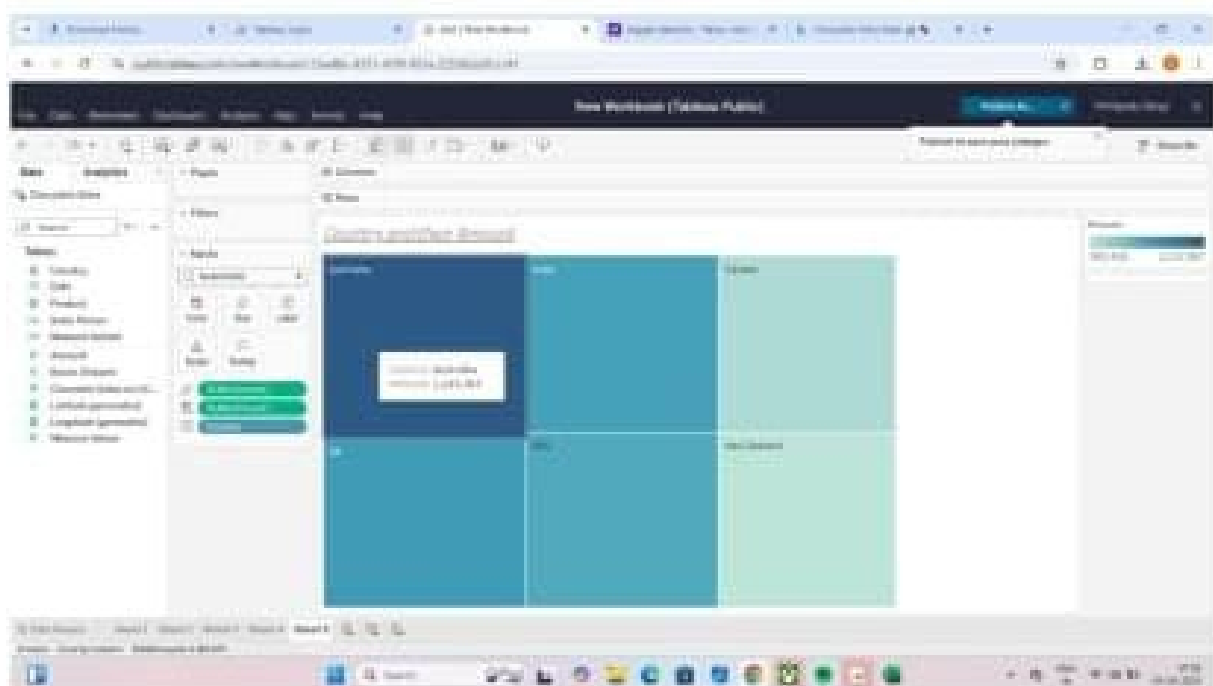
3.5 create an data about sales person and their amount.

In this step, we shows the data of sales person details and amount of chocolate. The form of data which is shown below is Bubble chart form. Each and every bubble shows the details of sales person and amount.



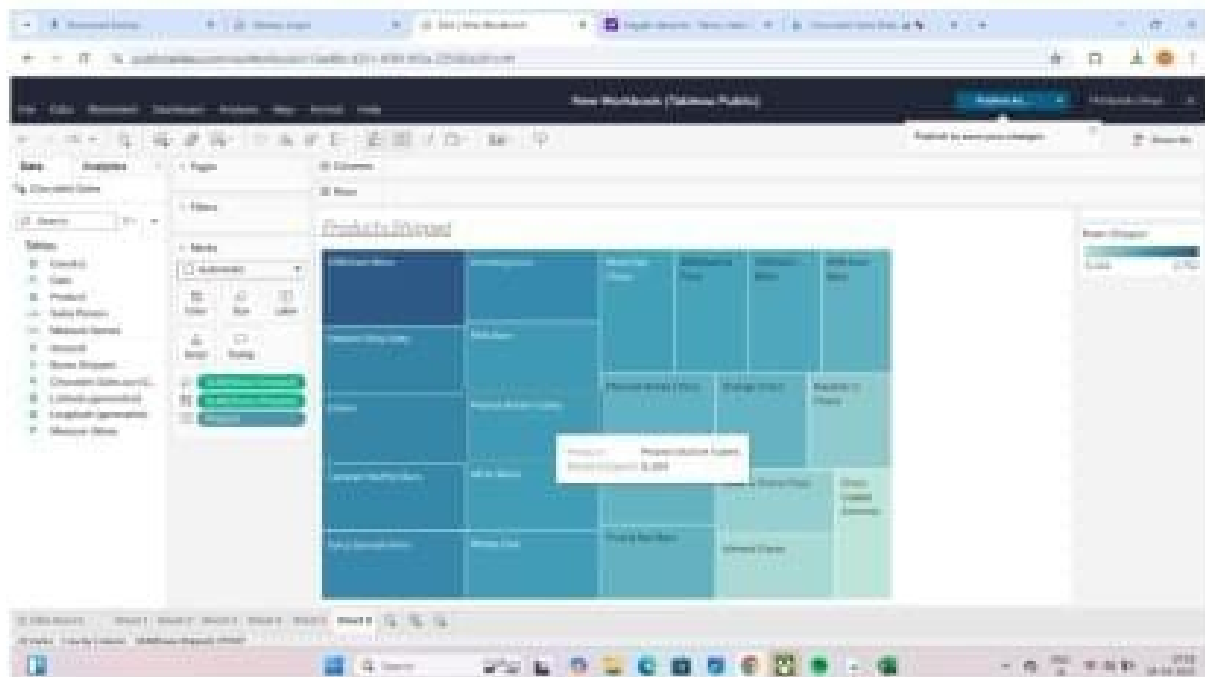
3.6 create an Chart about country and their amount

In this step, we analysed about the different countries and their received amounts. The graph is showed in TREEMAP chart. Tree map display hierarchical data using nested rectangles, where the size of each rectangle represents its value. They are useful for visualizing large datasets and comparing proportions within a hierarchy.



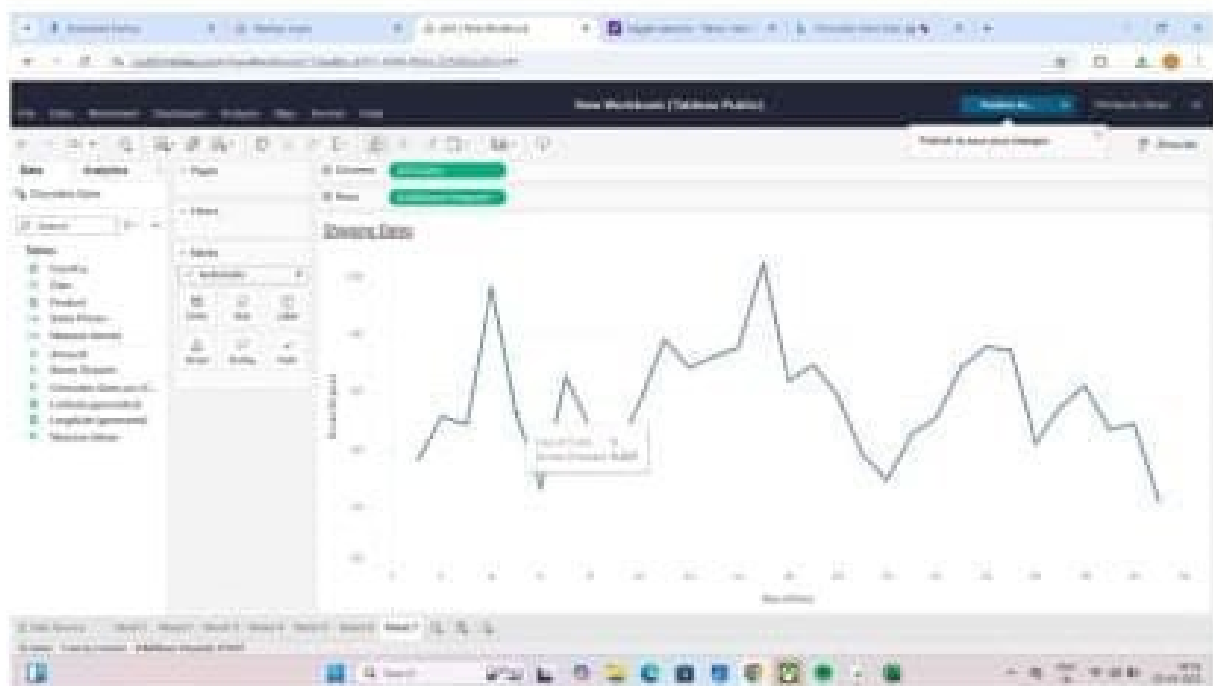
3.7 create an chart about Product and Boxes Shipped

In this step, we analysed about the Product shipped and different types of chocolates. The graph is showed in TREEMAP chart. Tree map display hierarchical data using nested rectangles, where the size of each rectangle represents its value. They are useful for visualizing large datasets and comparing proportions within a hierarchy.



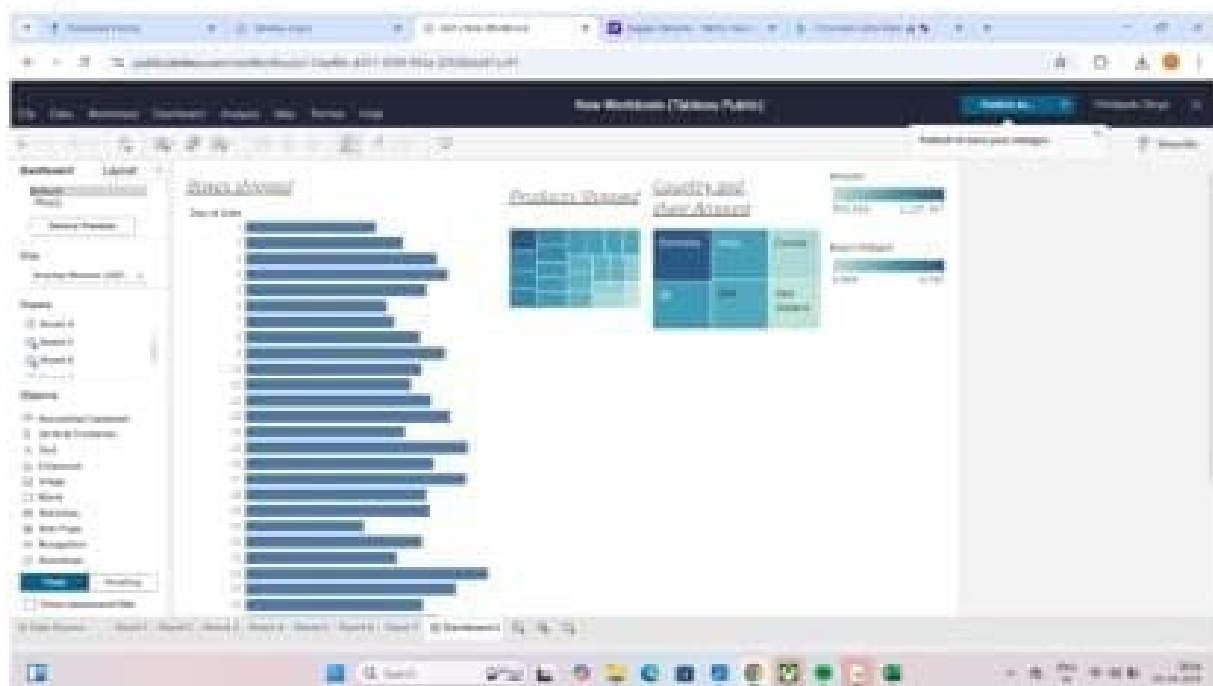
3.8 create an chart Shipping dates

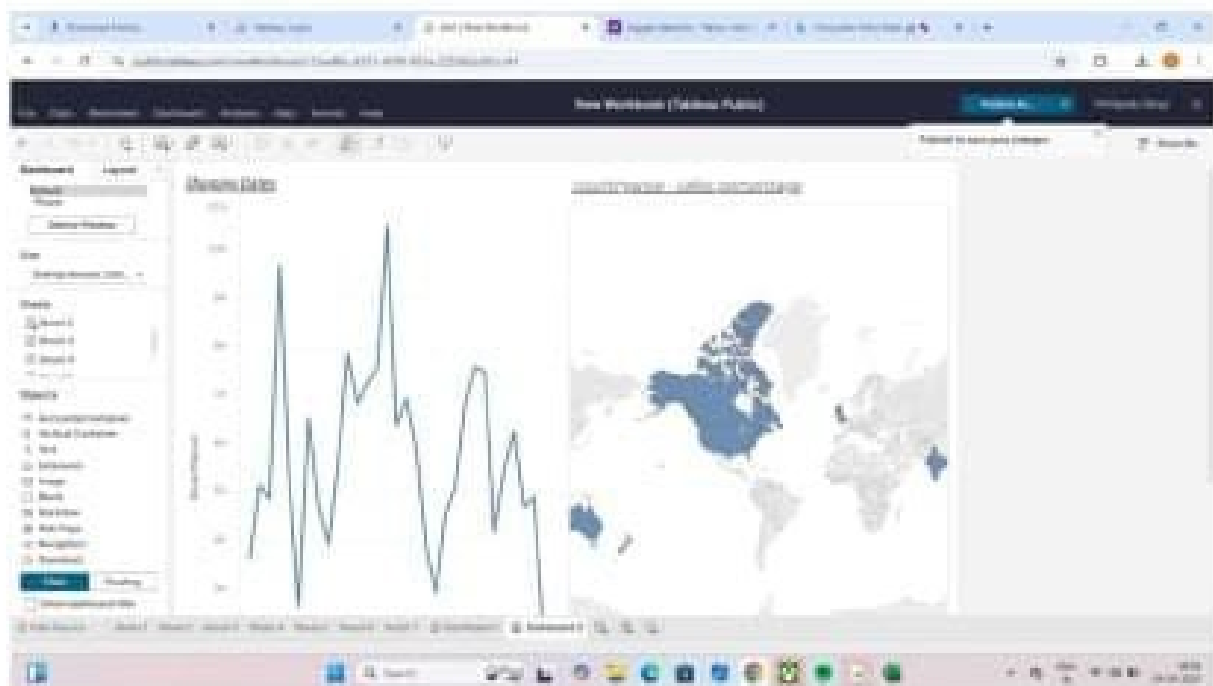
In this steps, we analyse the dates and with their Box Shipped. The data type which is shows as LINE chart. Line chart shows high and low points of our chocolate sales and Box Shipped. The line chart have x axes and Y axes. The X axes shows the Day of Date. And the Y axes shows Boxes Shipped.



3.9 Creating Dashboard 1 and Dashboard 2

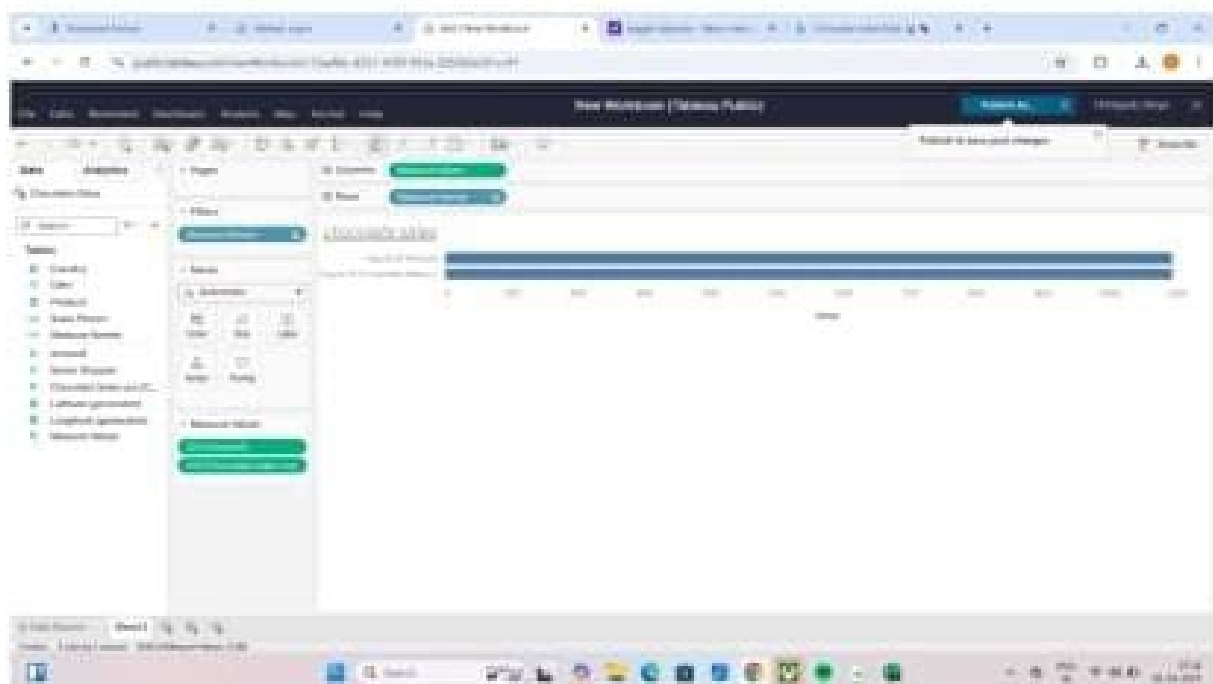
Now we've come to the last section of this tableau projects for practices. Here we need to simply arrange the three tableau worksheets and provide proper formatting along with the border. Here we need to consider chart pane requirement and general requirement sections.



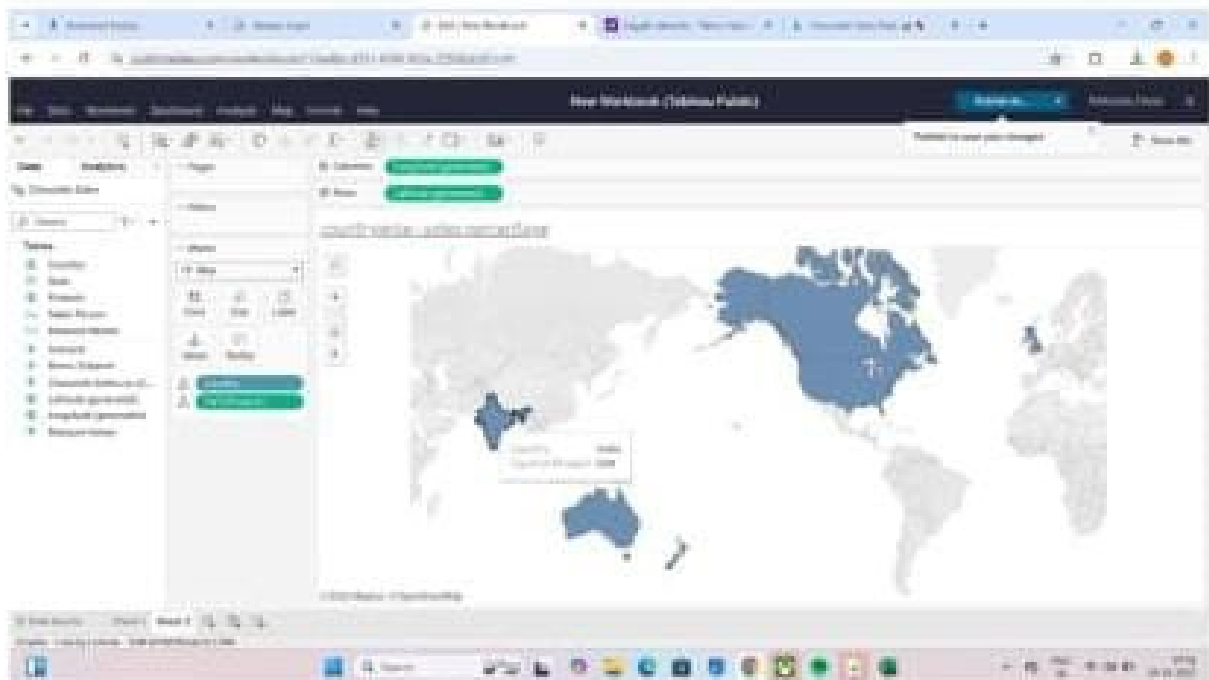


4.Result

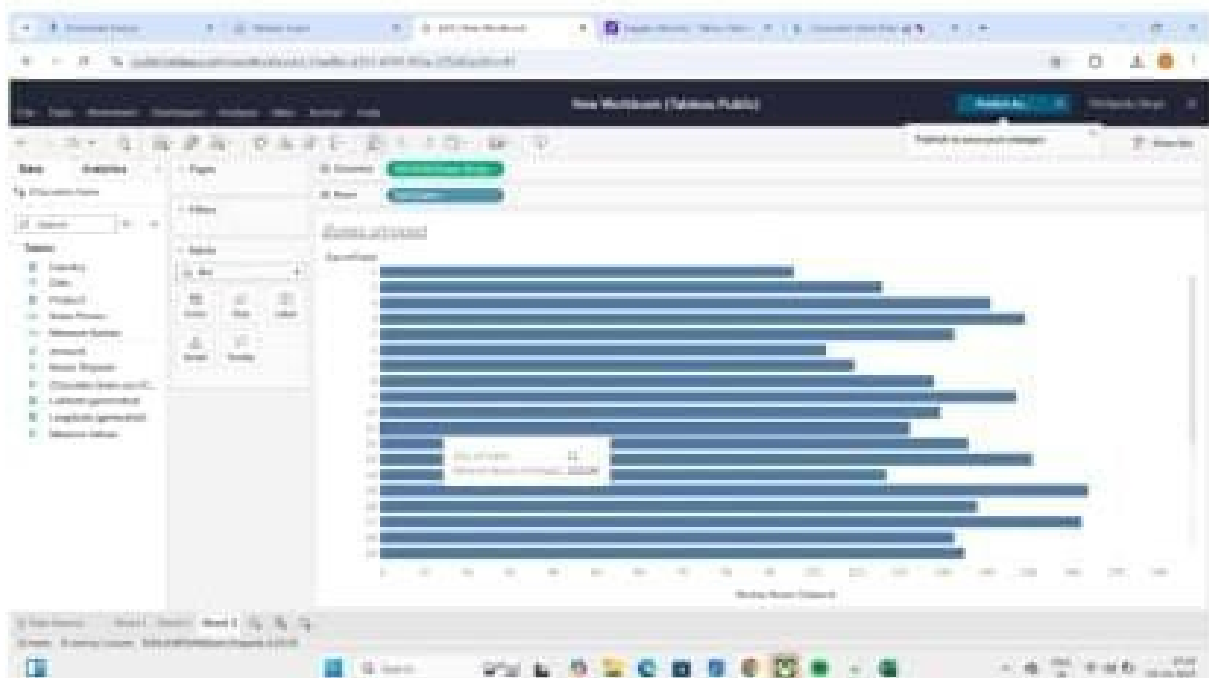
4.1 Country sales



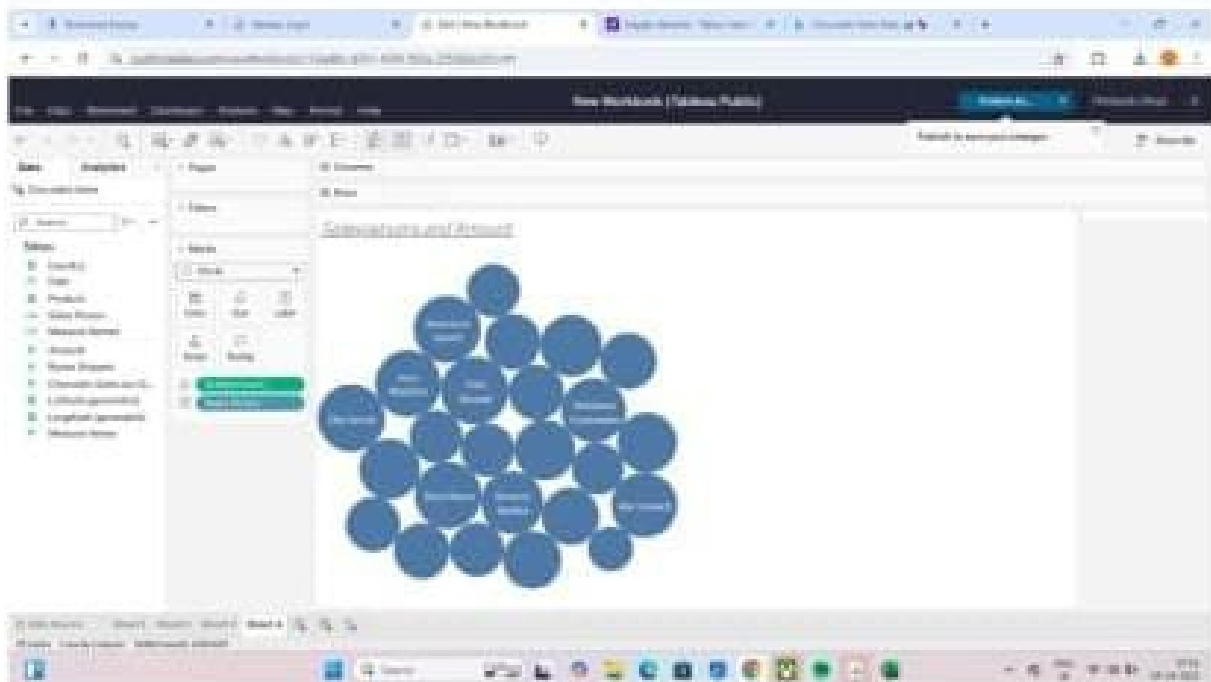
4.2 Country wise sales percentage



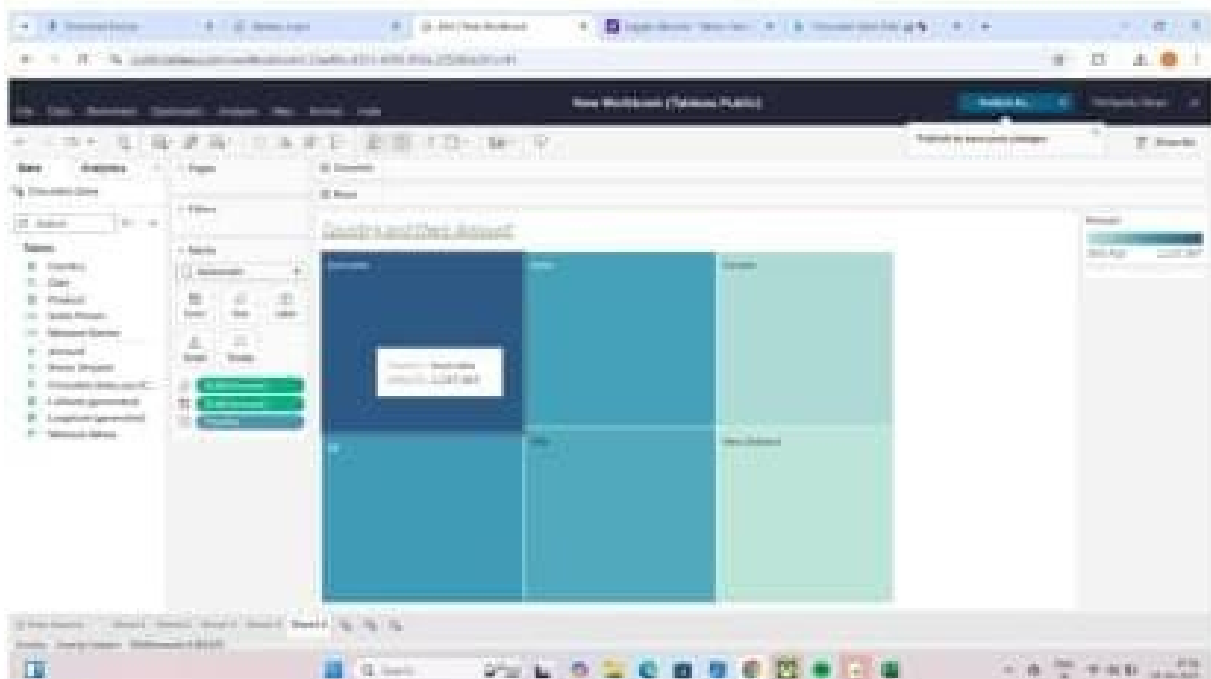
4.3 Boxes Shipped



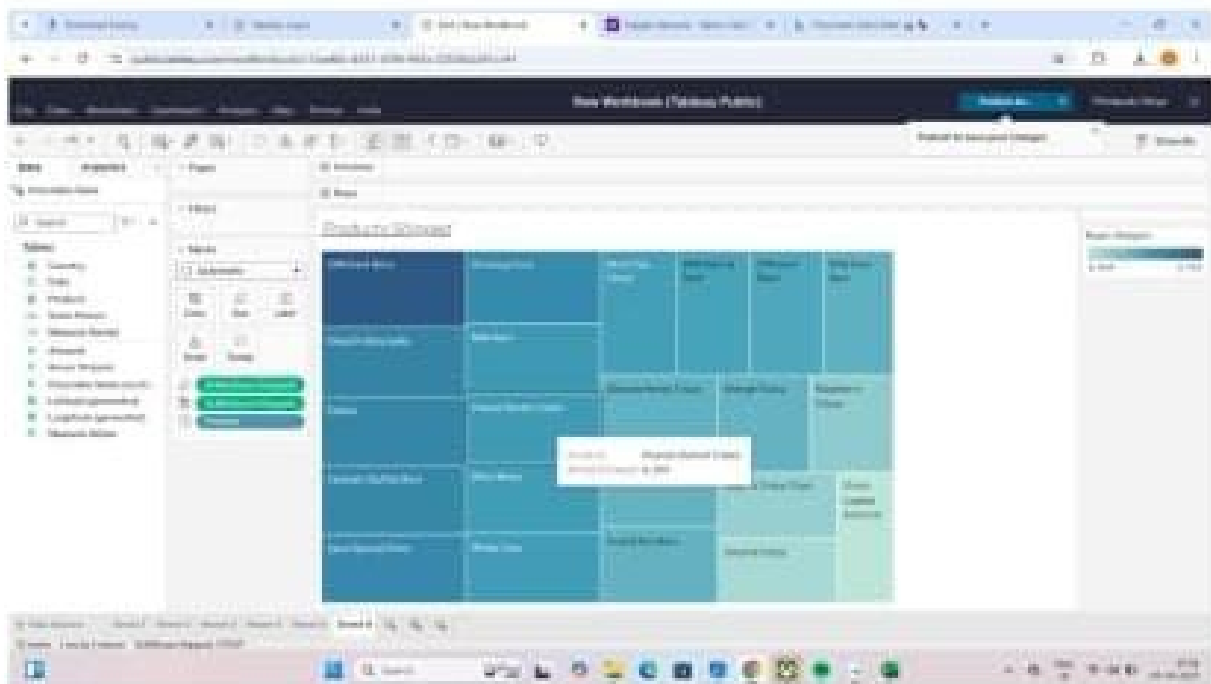
4.4 Sales person and Amount



4.5 Country and their Amount



4.6 Products Shipped



4.7 Shipping Dates

