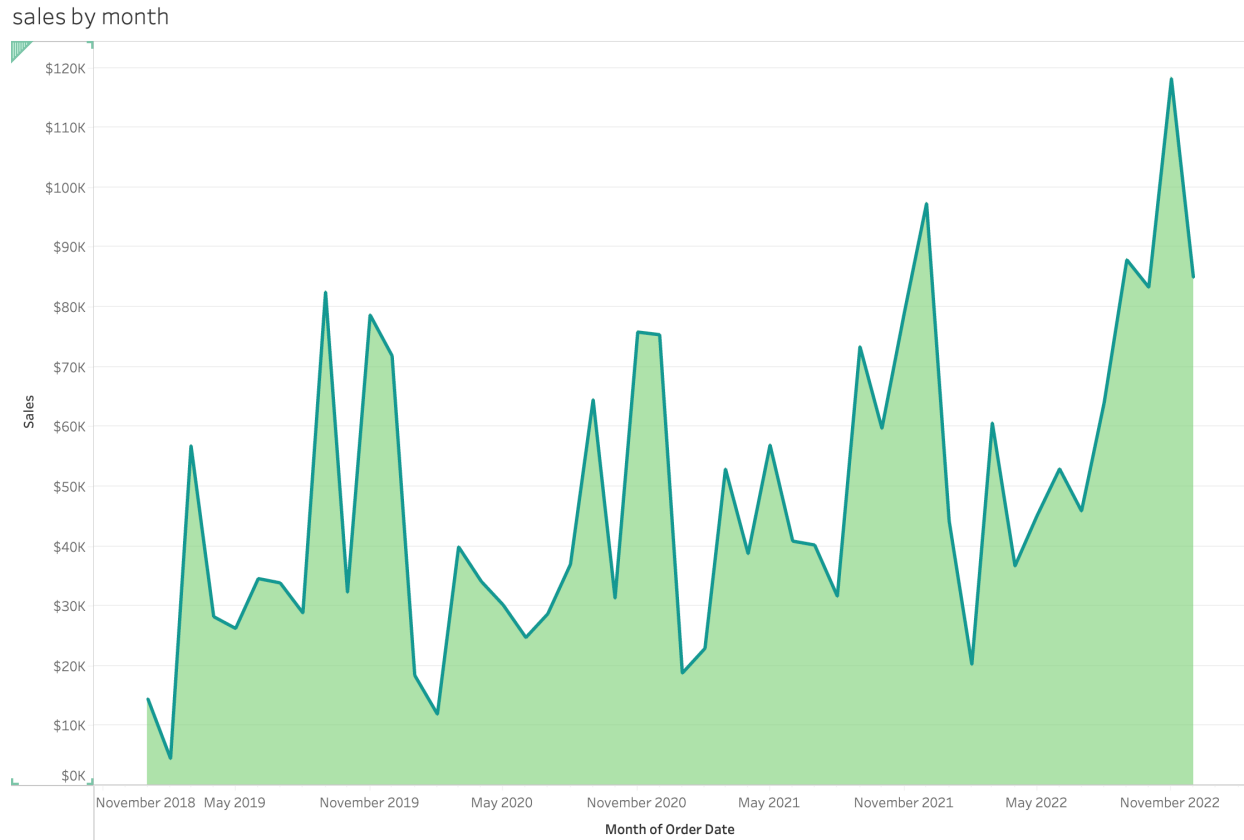


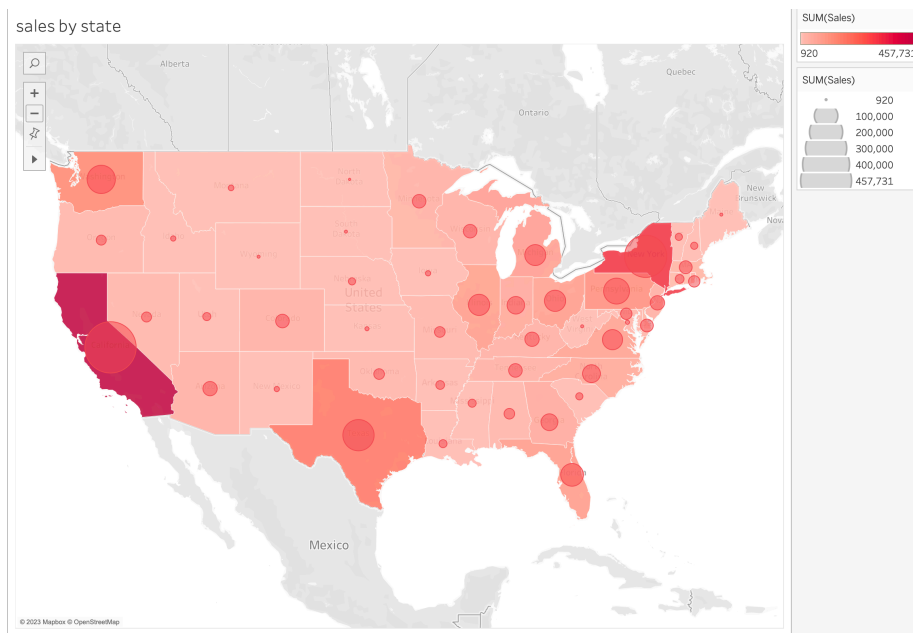
Tried to Replicate the workbook: <https://public.tableau.com/app/profile/lisa.trescott/viz/AccordionMenu/AccordionMenu>

I was able to reproduce the main worksheets named: 1_sales by month, 2_sales by state, 3_sales by profit, 4_sales by subcategory, and part of dashboard.

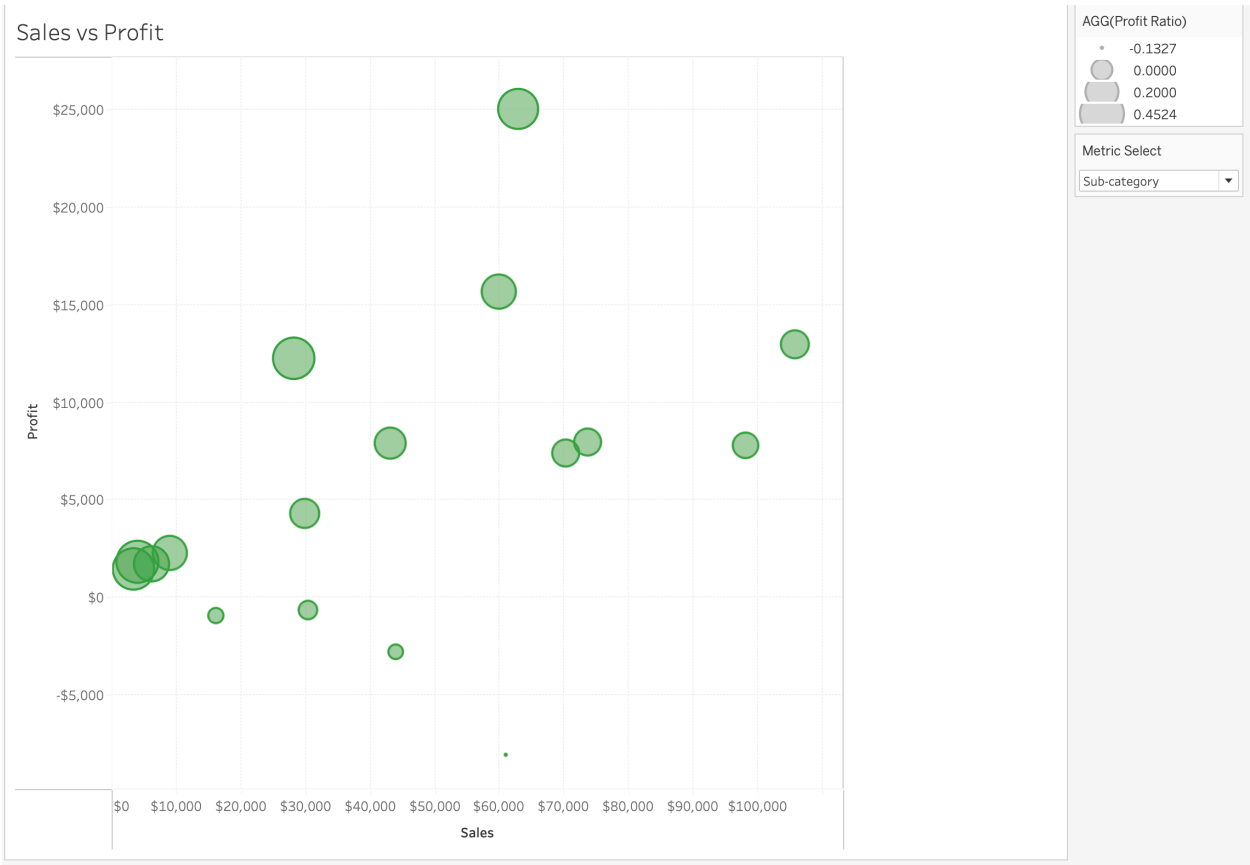
sales by month:



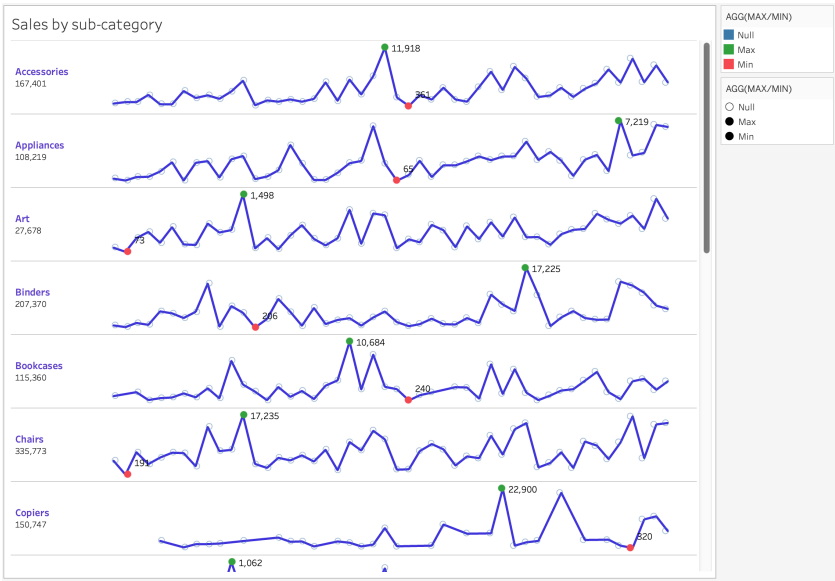
sales by state:



sales by profit:

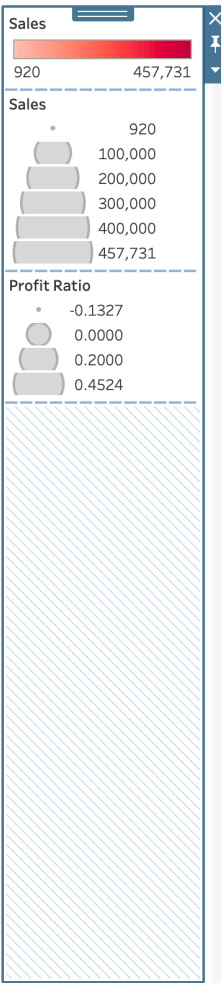
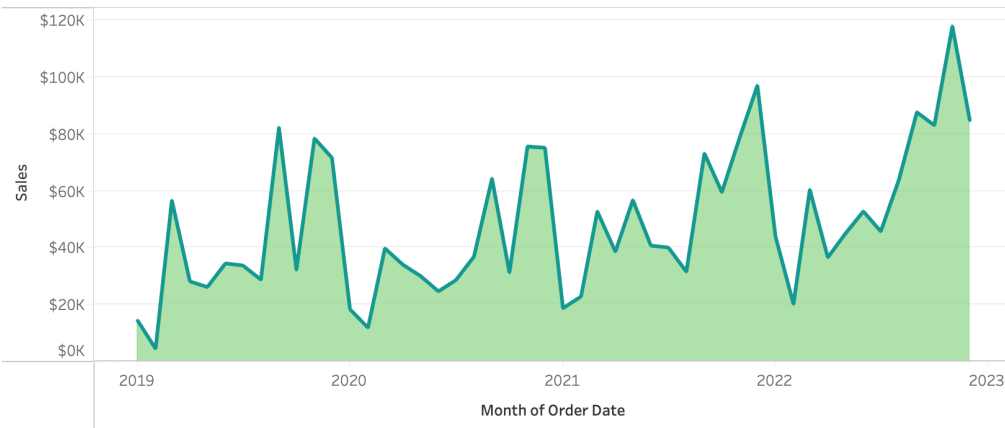


sales by subcategory:

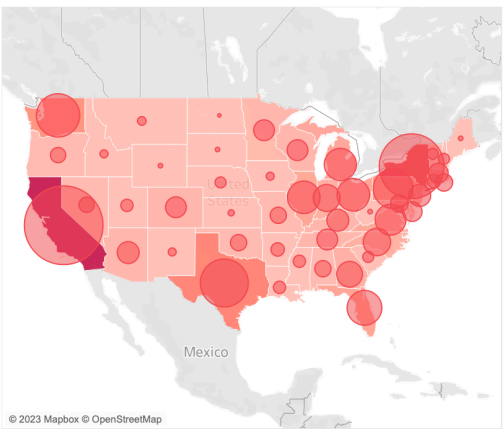


Dashboards:

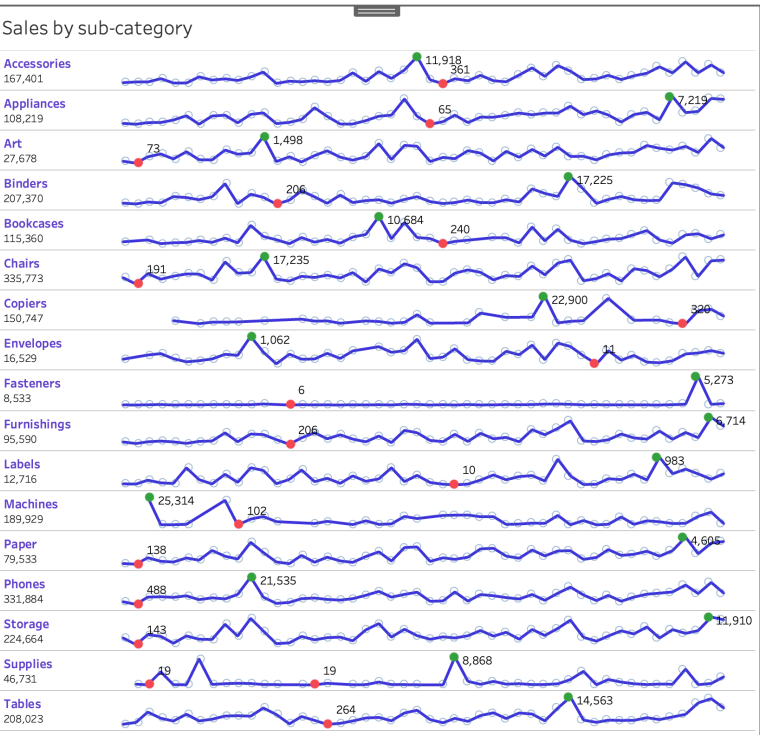
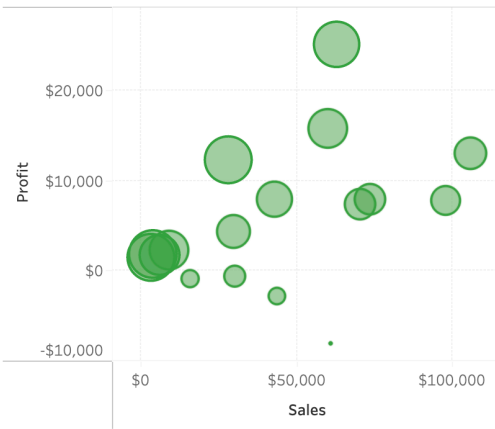
sales by month



sales by state



Sales vs Profit



1. Can you provide more context or specify the type of Tableau workbook to be replicated, such as data visualization, dashboard, etc?

Create a Tableau workbook centered on visualizing data and constructing a dashboard containing a data source (.twbx file). The workbook may encompass visual representations of diverse facets of the sales data:

Monthly Sales: Display the sales trend over various months using either a line chart.

State-wise Sales: Represent sales values across different states through a map.

Sales-Profit Relationship: Illustrate the correlation between sales and profit with a scatter plot.

Subcategory Sales Distribution: Depict the distribution of sales across different product subcategories using a Line chart.

Comprehensive Dashboard: Integrate the individual visualizations into a unified dashboard for a comprehensive overview of sales data.

The objective is to offer insights into sales trends, variations across regions, profit analysis, and the performance of product subcategories. This workbook design facilitates users in swiftly understanding crucial information and making well-informed decisions based on the available data.

2. What criteria should be considered when choosing a workbook from the Tableau Public Gallery?

Search for workbooks that come with thorough documentation and exhibit a well-defined structure. Evaluate the alignment of the data and visualization techniques employed in the workbook with your objectives or areas of interest. Opt for a workbook of moderate complexity to strike a balance between learning opportunities and practical feasibility.

3. What role does data source play in the replication process of a Tableau workbook?

Comprehend the original workbook's data source, and if necessary, locate a comparable dataset for replication or use the same dataset if accessible. Give careful consideration to the steps involved in cleaning and shaping the data, as these are essential for ensuring an accurate replication

4. What impact does the level of complexity of the original workbook have on the replication process?

The intricacy of the initial workbook impacts the time needed for replication and the learning curve. A workbook with higher complexity offers a chance to acquire advanced techniques but might demand more time and effort. Consequently, due to time constraints during the replication process, I was unable to recreate certain stylized workbooks necessary for the dashboard.

5. What is the significance of documenting the replication process and what should be included in the documentation?

Recording the replication process serves to solidify your understanding and offers a reference point for subsequent projects. Incorporate specifics regarding data preparation, choices in visualization, calculations, and any encountered challenges throughout the replication.

6. How will the new knowledge gained from replicating the Tableau workbook contribute to future data analysis and visualization projects?

Duplicating a Tableau workbook improves your proficiency and comprehension of data visualization methods. The acquired knowledge can be employed in upcoming data analysis and visualization projects, empowering you to craft more advanced and impactful visualizations.

7. What challenges might arise in the replication process and how can they be addressed?

Difficulties could involve grasping intricate calculations, managing distinctive data structures, or reproducing specialized designs. In my replication process, I encountered issues with recreating custom designs, for instance. Overcoming challenges can be achieved by deconstructing intricate elements, seeking assistance from Tableau communities, and experimenting with the features of the tool.