

SMARTBRIDGE EXTERNSHIP

DATA ANALYTICS

Assignment-3

Name: Chunduri Venkata Surendra

Reg.no: 20BEC0776

Assignment-3

- 1) Create the following with whatever visualizations you have built in assignment-1 & 2(if you want you can also create new visualizations)
 - Dashboard
 - story
- 2) Publish the dashboard & story on to tableau public server

Assignment-3(Pdf's & .twbx files) Google Drive Link:

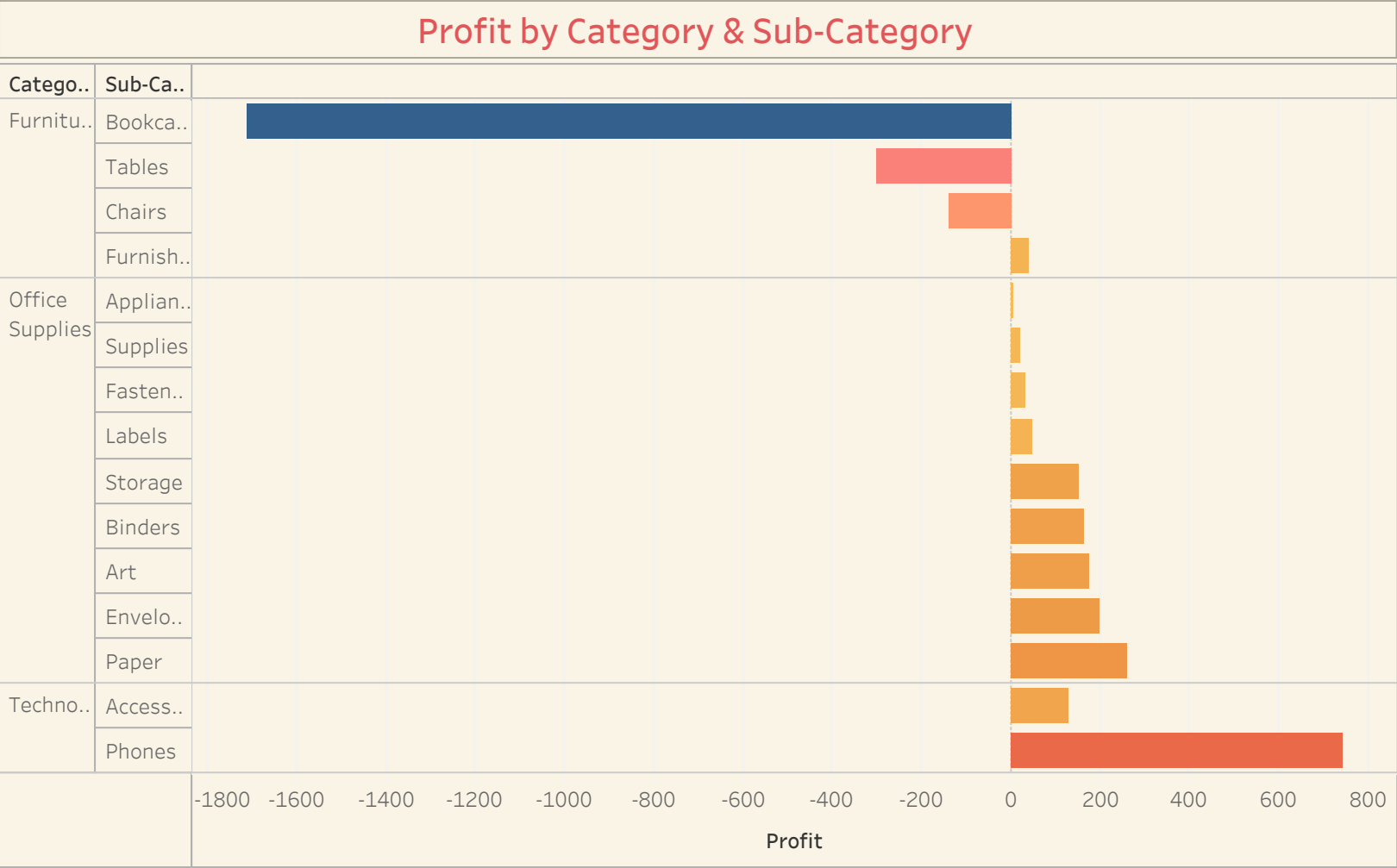
<https://tinyurl.com/y6xk4zxh>

Dashboard Link:

<https://public.tableau.com/app/profile/venkata.surendra.chunduri/viz/Assignment-3Dashboard/Dashboard1?publish=yes>

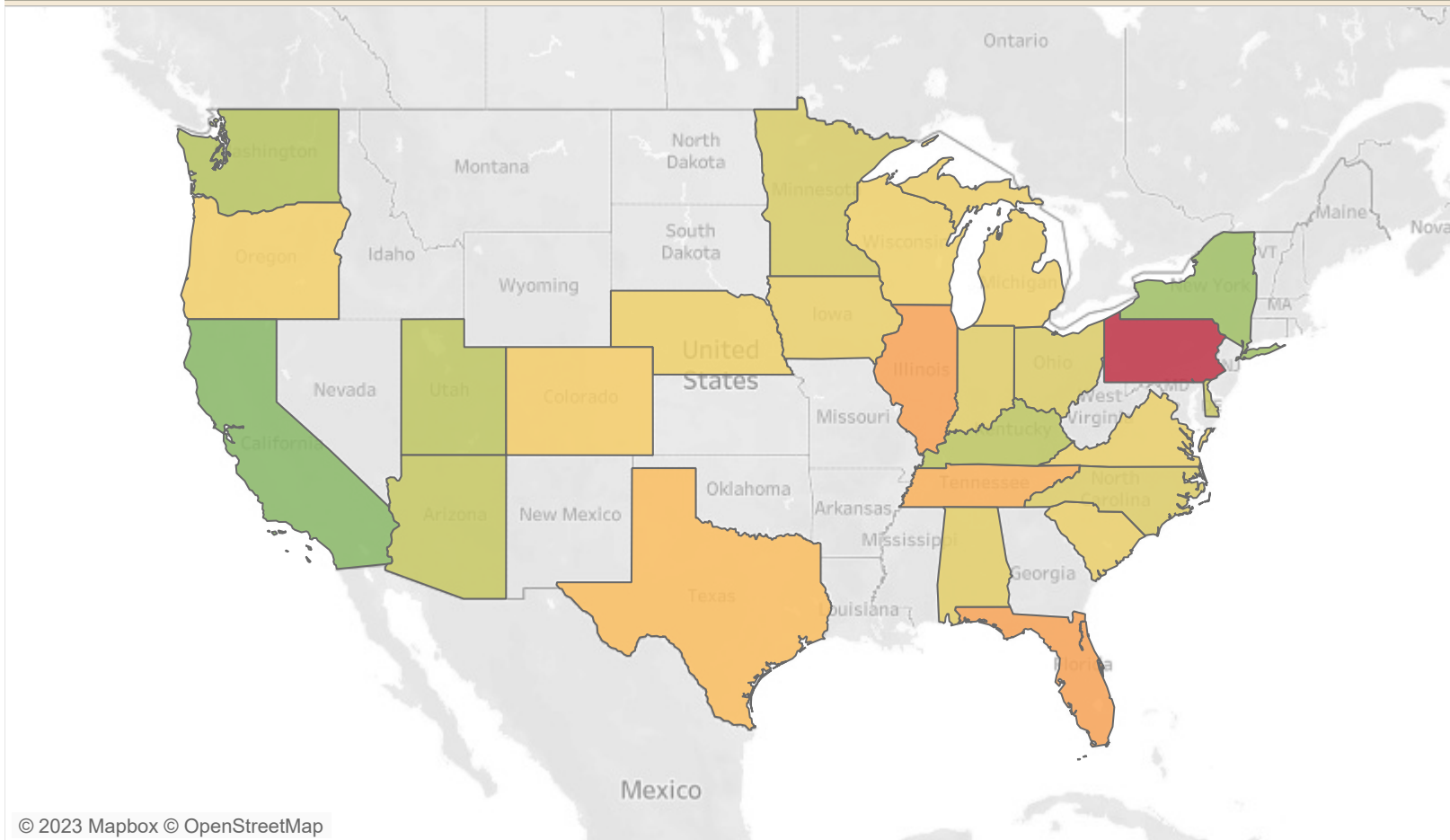
Story Link:

<https://public.tableau.com/app/profile/venkata.surendra.chunduri/viz/Assignment-3Story/Story1?publish=yes>



Sum of Profit for each Sub-Category broken down by Category. Color shows sum of Profit. The data is filtered on Action (Ship Date), Action (Country,State) and Action (Category). The Action (Ship Date) filter keeps 63 members. The Action (Country,State) filter keeps 22 members. The Action (Category) filter keeps 3 members. The view is filtered on Category and Sub-Category. The Category filter keeps Furniture, Office Supplies and Technology. The Sub-Category filter keeps 15 of 15 members.

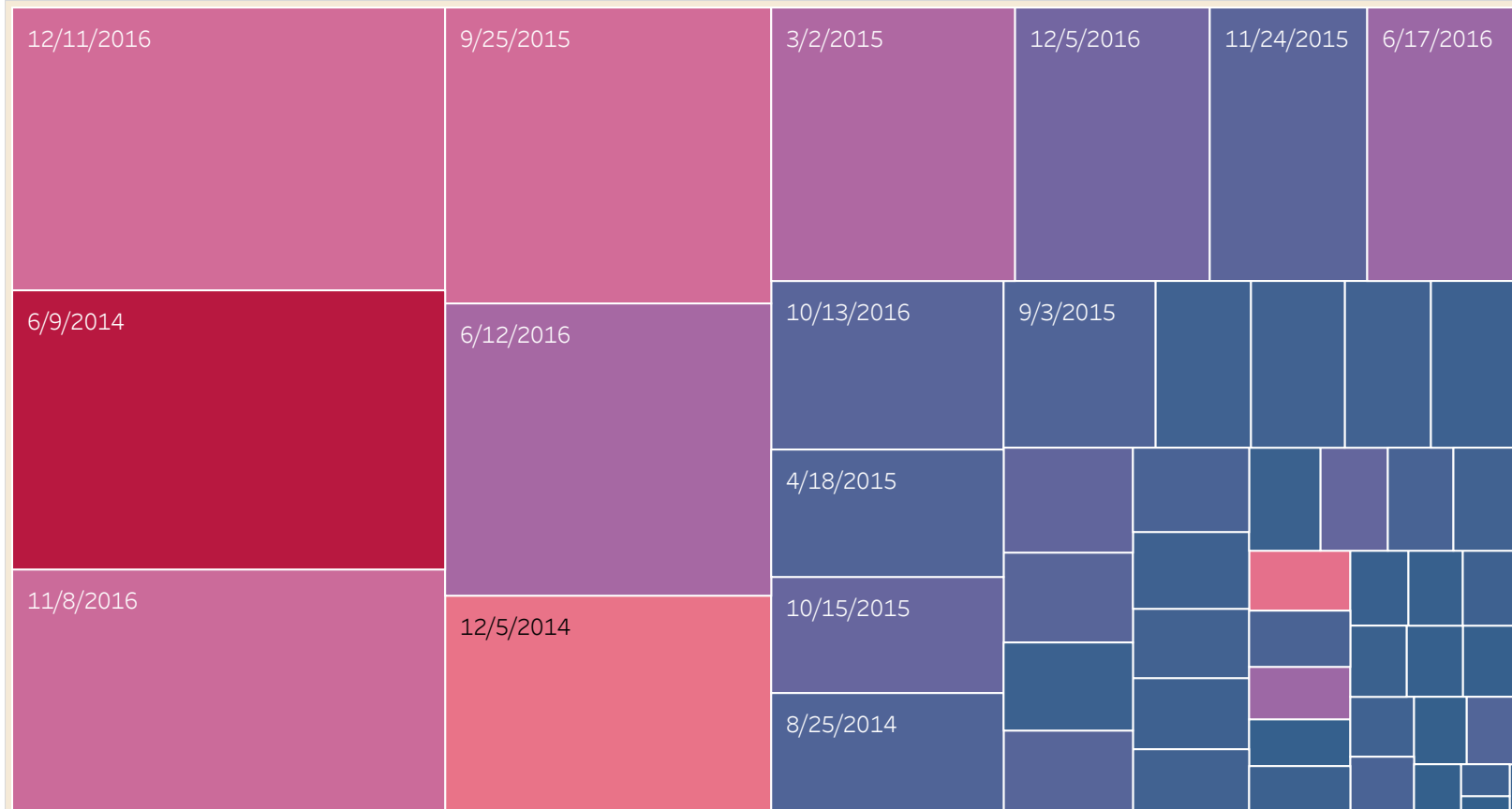
Profit by State



© 2023 Mapbox © OpenStreetMap

Map based on Longitude (generated) and Latitude (generated). Color shows sum of Profit. Details are shown for Country and State. The data is filtered on Action (Category,Sub-Category), Action (Ship Date) and Action (Category). The Action (Category,Sub-Category) filter keeps 15 members. The Action (Ship Date) filter keeps 63 members. The Action (Category) filter keeps 3 members.

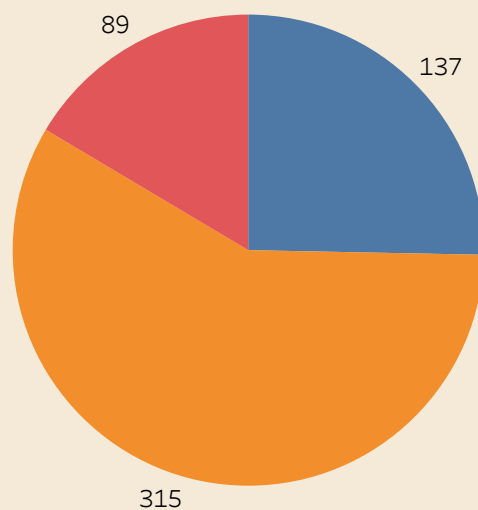
Average Sales&Profit by Order Date (Tree Map)



Sales
5 3,714

Order Date. Color shows sum of Sales. Size shows sum of Profit. The marks are labeled by Order Date. The data is filtered on Action (Category) and Action (Category,Sub-Category). The Action (Category) filter keeps 3 members. The Action (Category,Sub-Category) filter keeps 15 members.

Sum of Quantity&Profit by Category (Pie Chart)



Profit



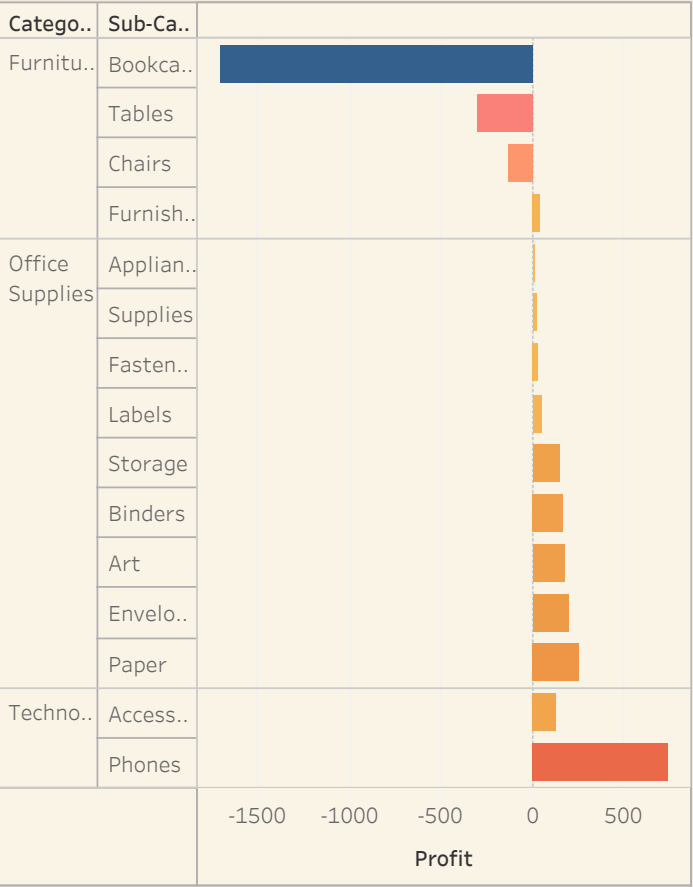
Category

- Furniture
- Office Supplies
- Technology

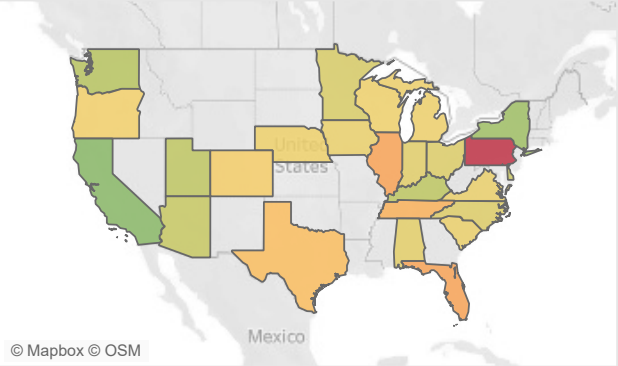
Category (color) and sum of Profit (size). The data is filtered on Action (Category,Sub-Category), which keeps 15 members.

Dashboard showing Profit w.r.t various Aspects

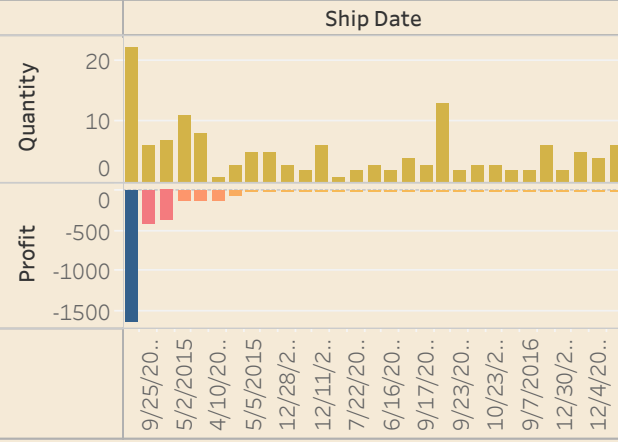
Profit by Category & Sub-Category



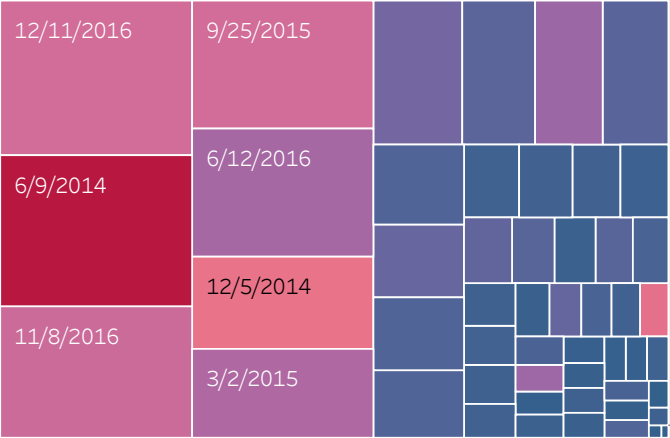
Profit by State



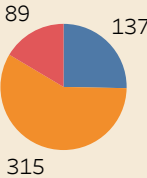
Profit by Date(Only -ve Profit)



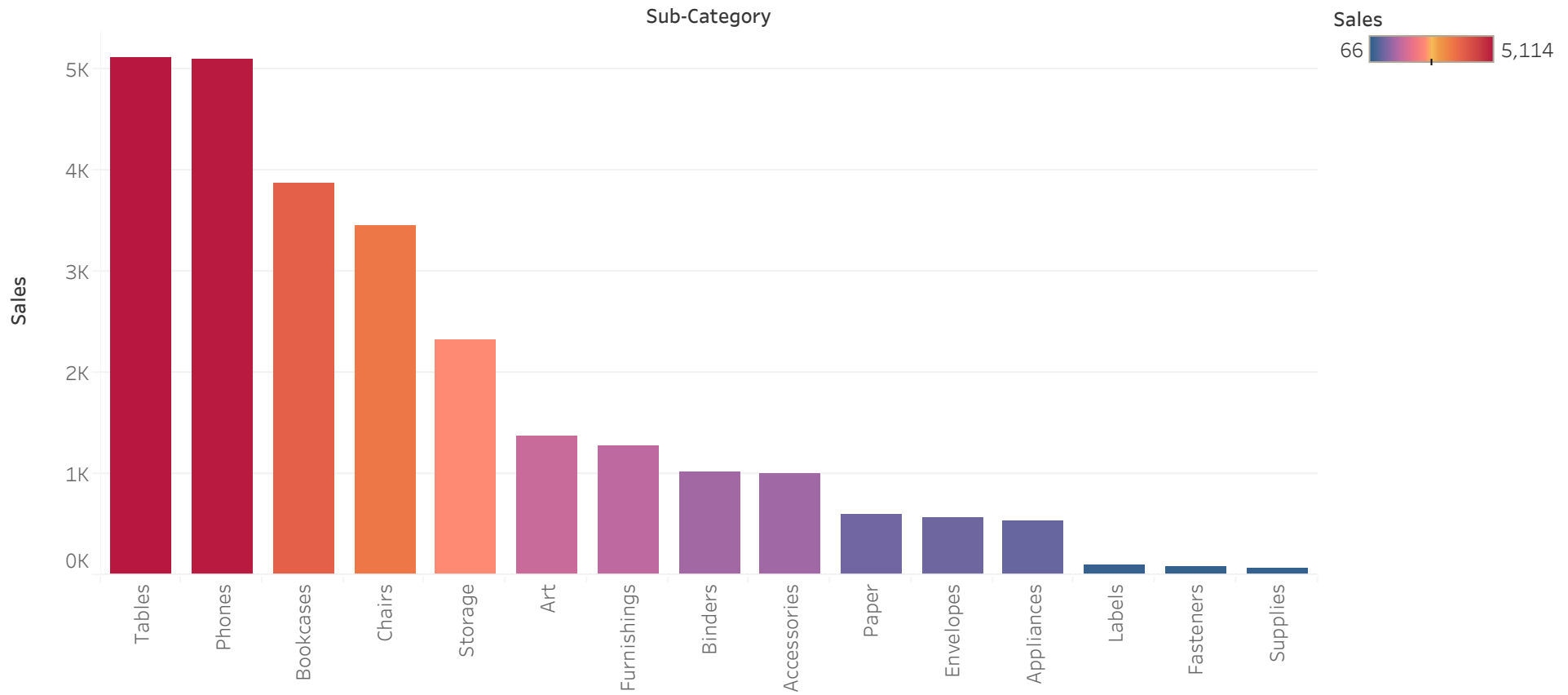
Average Sales&Profit by Order Date (Tree Map)



Sum of Quantity&Profit by Category (Pie Chart)

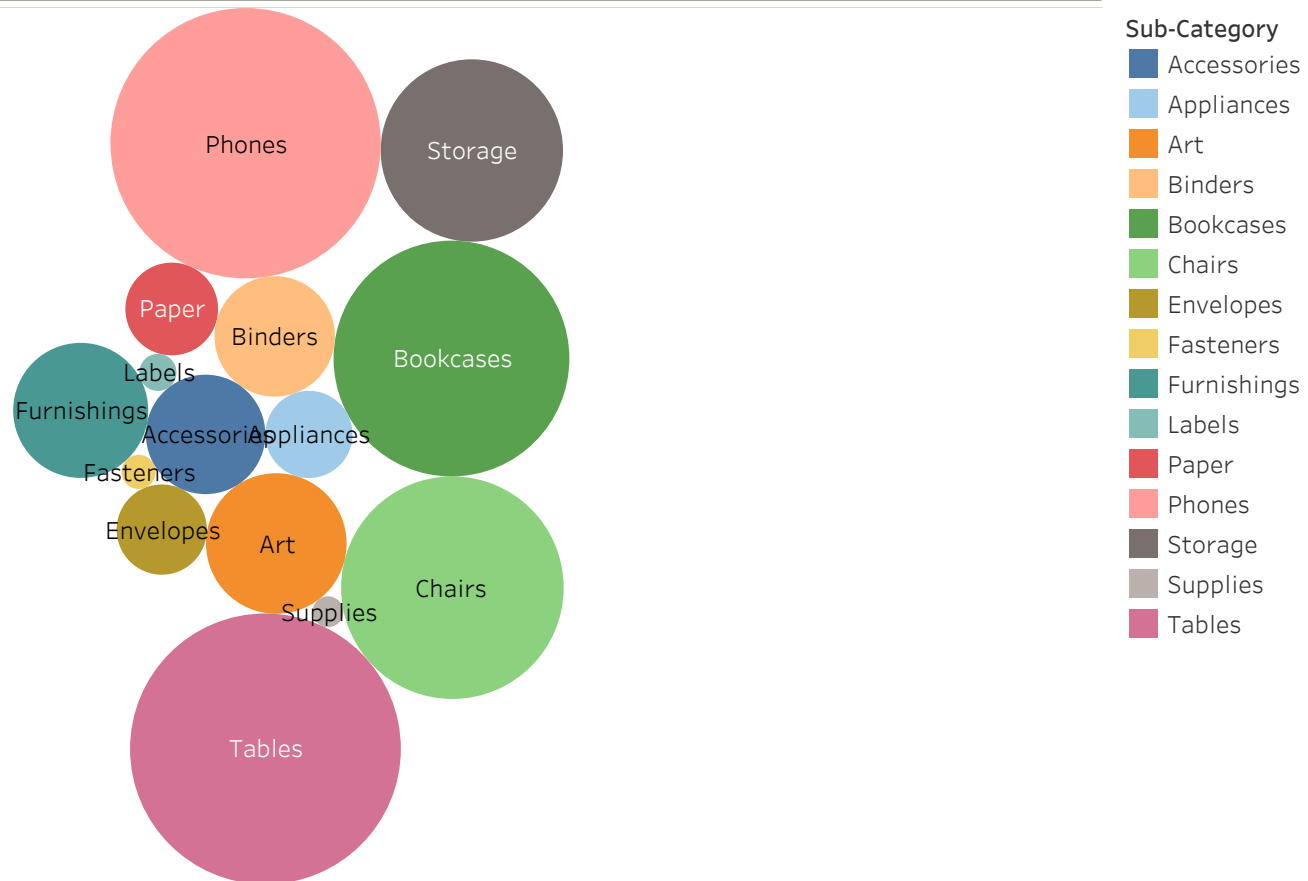


Average Quantity by Sub Category (Bar Chart)



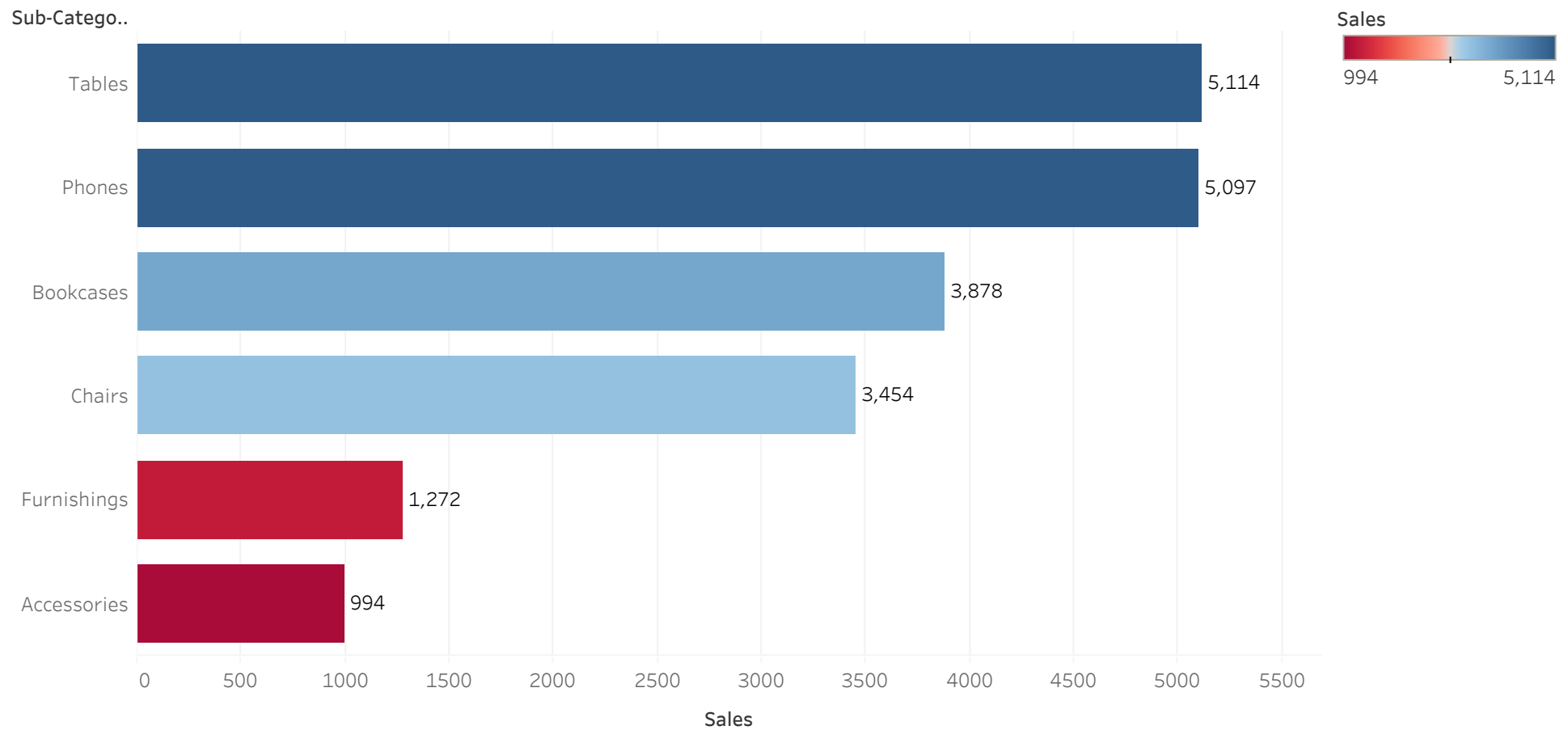
Sum of Sales for each Sub-Category. Color shows sum of Sales.

Sum of Sales by Subcategory (Bubble Chart)



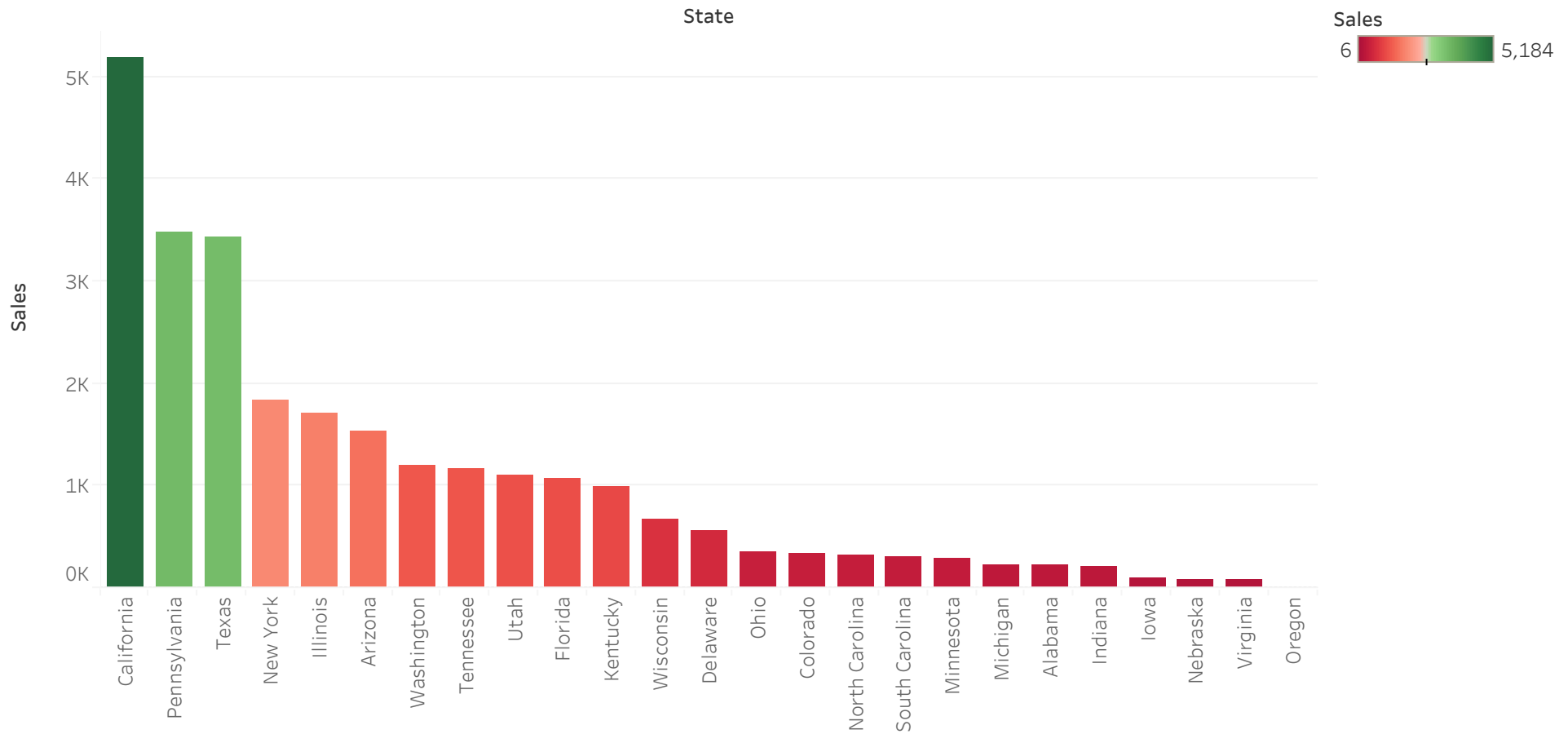
Sub-Category. Color shows details about Sub-Category. Size shows sum of Sales. The marks are labeled by Sub-Category.

Context Filtering of Furniture and Technology from Category



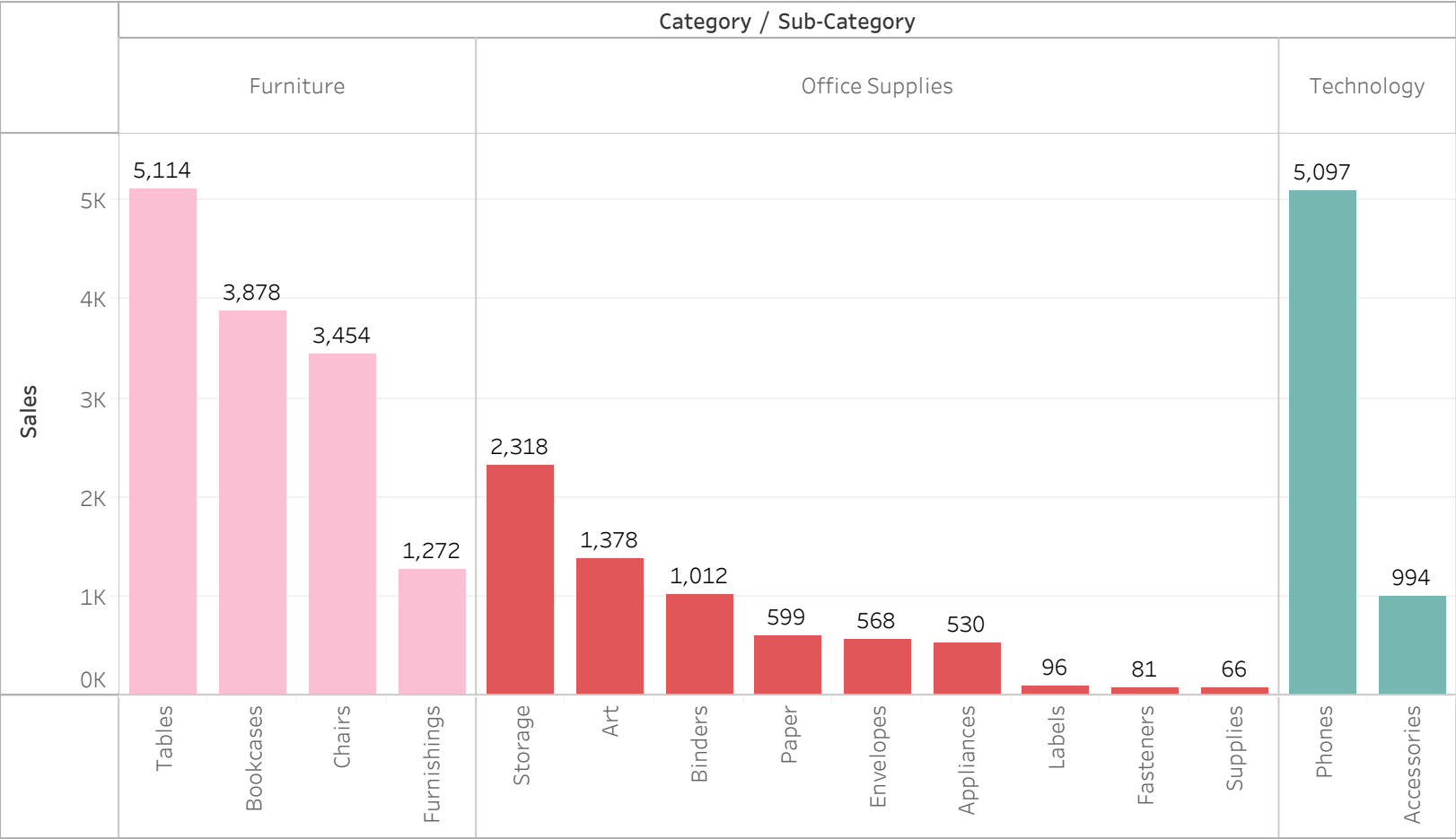
Sum of Sales for each Sub-Category. Color shows sum of Sales. The context is filtered on Category, which keeps Furniture and Technology. The view is filtered on Sub-Category, which keeps 6 of 15 members.

Top 5 states by sum of sales(by creating a Top5 set)



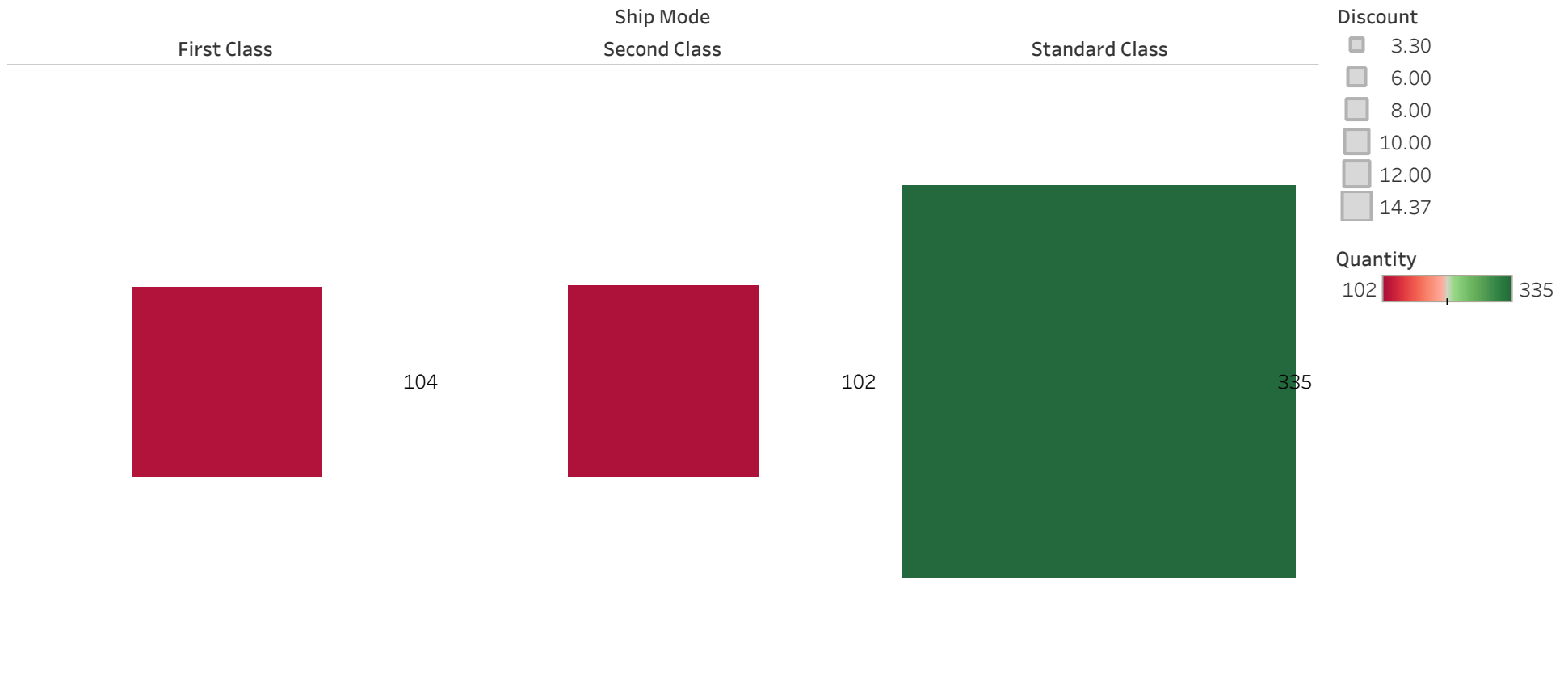
Sum of Sales for each State. Color shows sum of Sales.

Grouping Sub categories of a category by Sum of Sales



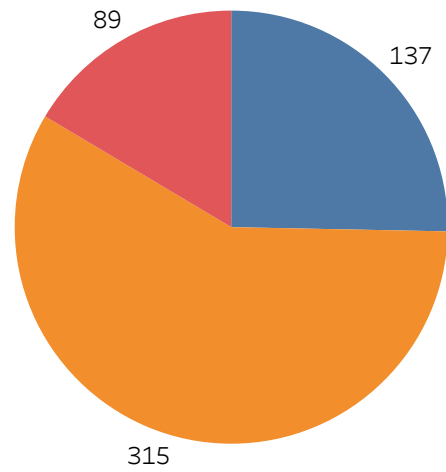
Sum of Sales for each Sub-Category broken down by Category. Color shows details about Furniture_group.

Average Quantity & Discount by Shipment Mode (Heat Map)



Sum of Quantity (color) and sum of Discount (size) broken down by Ship Mode.

Sum of Quantity&Profit by Category (Pie Chart)



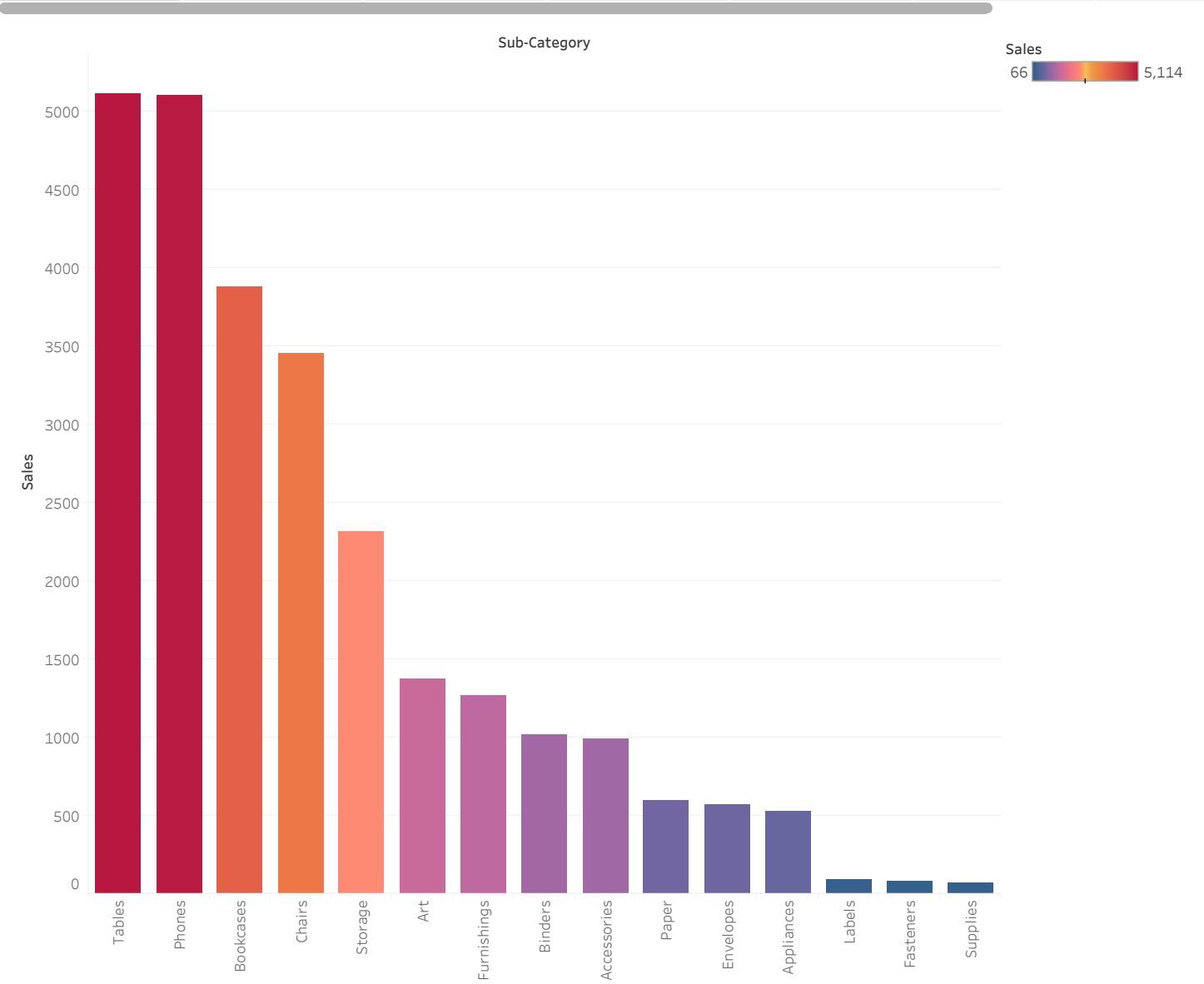
Profit
59

Category
Furniture
Office Supplies
Technology

Category (color) and sum of Profit (size).

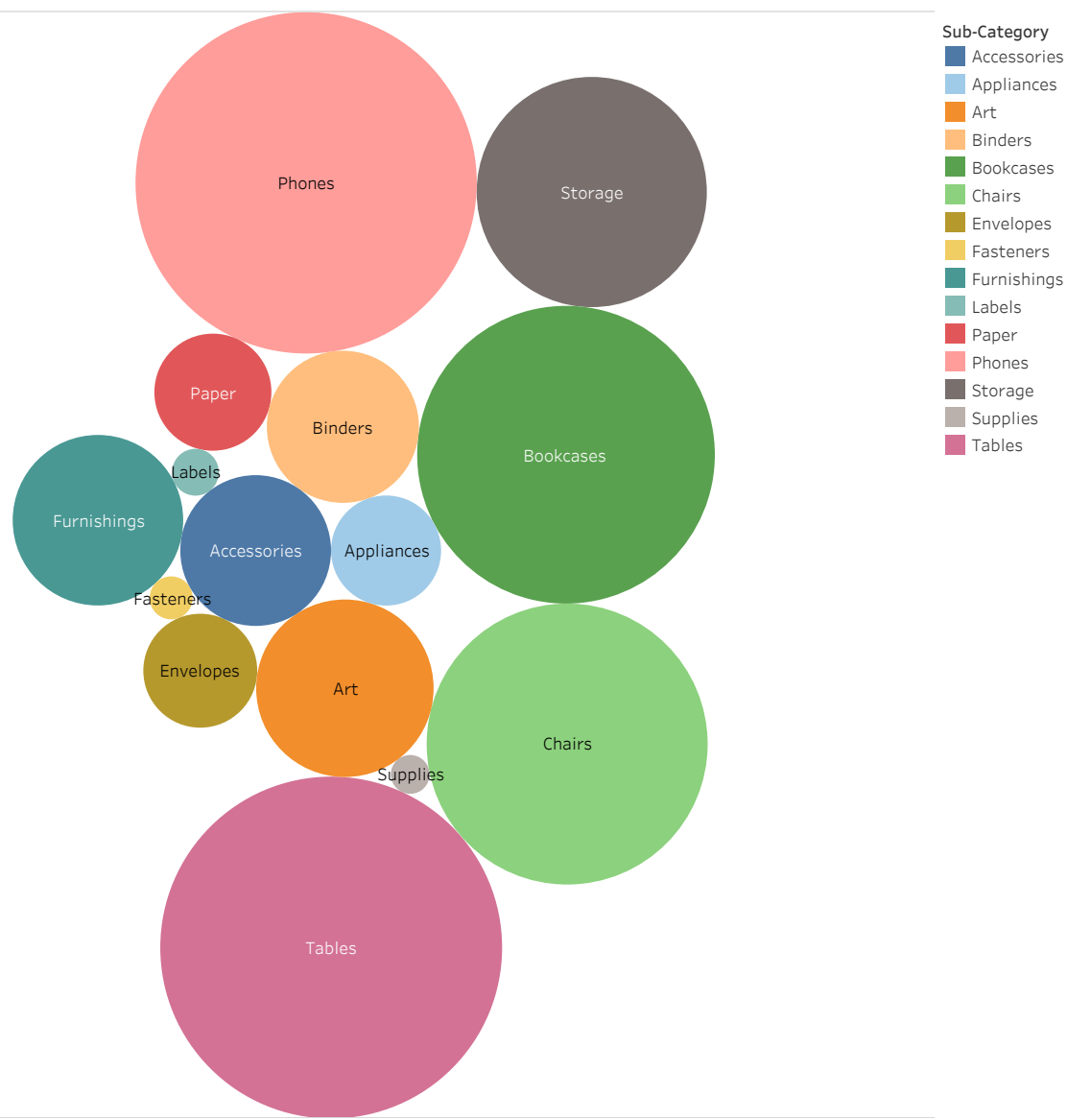
Story 1

Barchart Showing Average Quantity by Subcategory	Bubble Chart Showing Sum of Sales by Subcategory	BarChart Showing Context Filtering of Furniture and Techno..	Barchart Showing Top 5 States by Sum of Sales	Grouping Sub categories of a category by Sum of S..	Heat Map Showing Average Quantity&Discount b..	Pie Chart Showing Sum of Quantity..
--	--	--	---	---	--	-------------------------------------



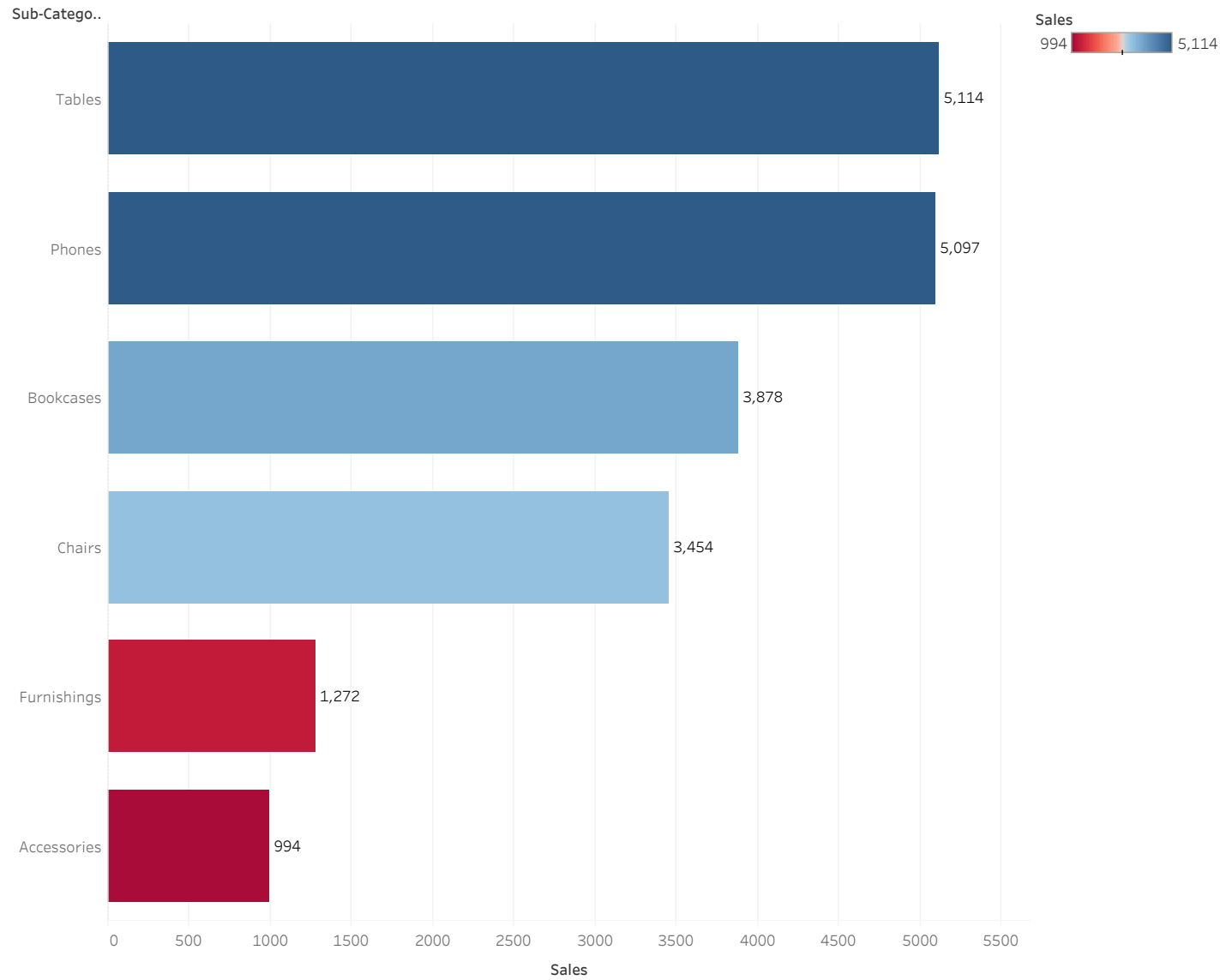
Story 1

Barchart Showing Average Quantity by Subcategory	Bubble Chart Showing Sum of Sales by Subcategory	BarChart Showing Context Filtering of Furniture and Techno..	Barchart Showing Top 5 States by Sum of Sales	Grouping Sub categories of a category by Sum of S..	Heat Map Showing Average Quantity&Discount b..	Pie Chart Showing Sum of Quantity..
--	--	--	---	---	--	-------------------------------------



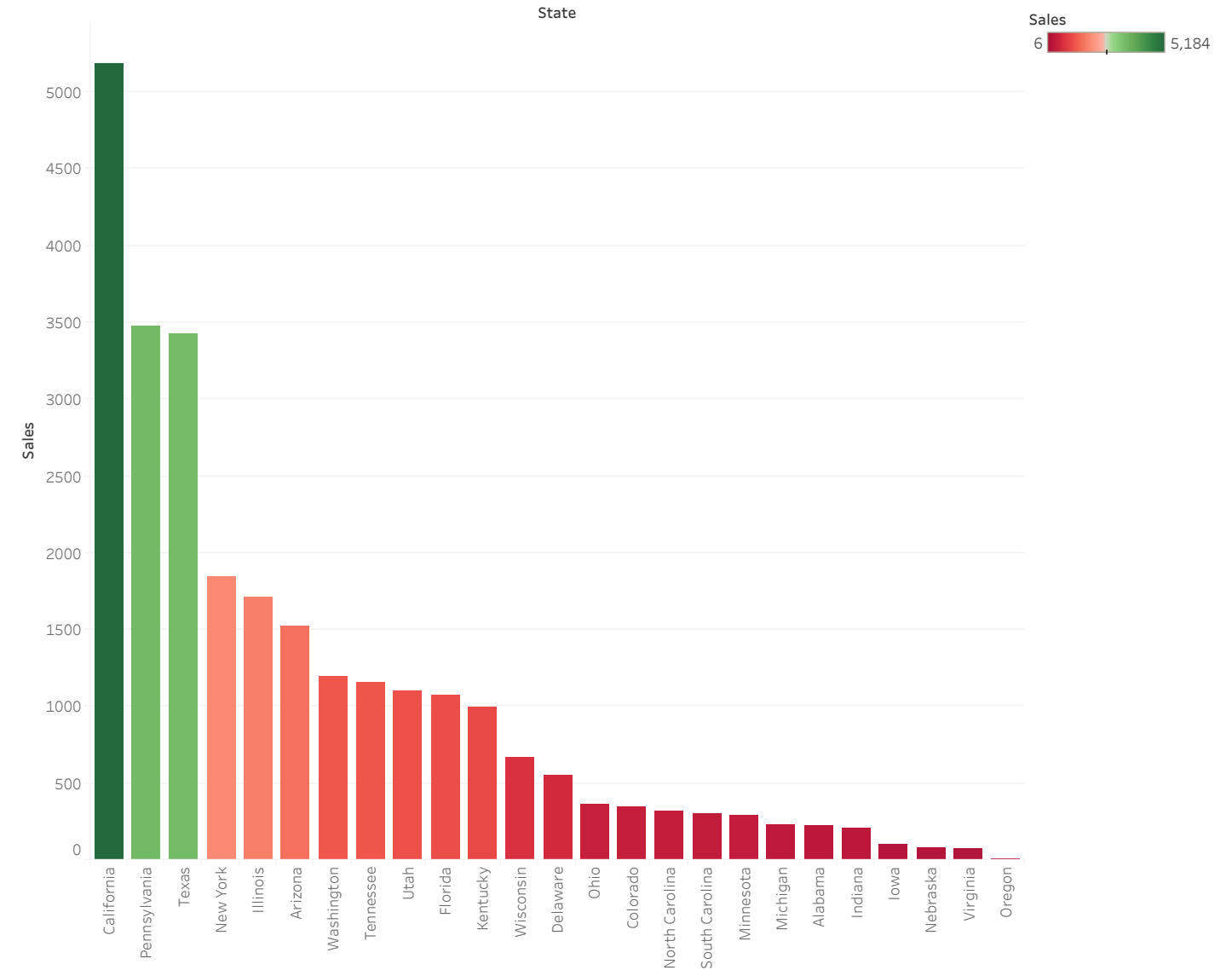
Story 1

Barchart Showing Average Quantity by Subcategory	Bubble Chart Showing Sum of Sales by Subcategory	BarChart Showing Context Filtering of Furniture and Techno..	Barchart Showing Top 5 States by Sum of Sales	Grouping Sub categories of a category by Sum of S..	Heat Map Showing Average Quantity&Discount b..	Pie Chart Showing Sum of Quantity..
--	--	---	---	---	--	-------------------------------------



Story 1

Barchart Showing Average Quantity by Subcategory	Bubble Chart Showing Sum of Sales by Subcategory	BarChart Showing Context Filtering of Furniture and Techno..	Barchart Showing Top 5 States by Sum of Sales	Grouping Sub categories of a category by Sum of S..	Heat Map Showing Average Quantity&Discount b..	Pie Chart Showing Sum of Quantity&Profit by ..
--	--	--	---	---	--	--



Story 1

Bubble Chart
Showing Sum of
Sales by Subcat..

BarChart Showing
Context Filtering of
Furniture and Techno..

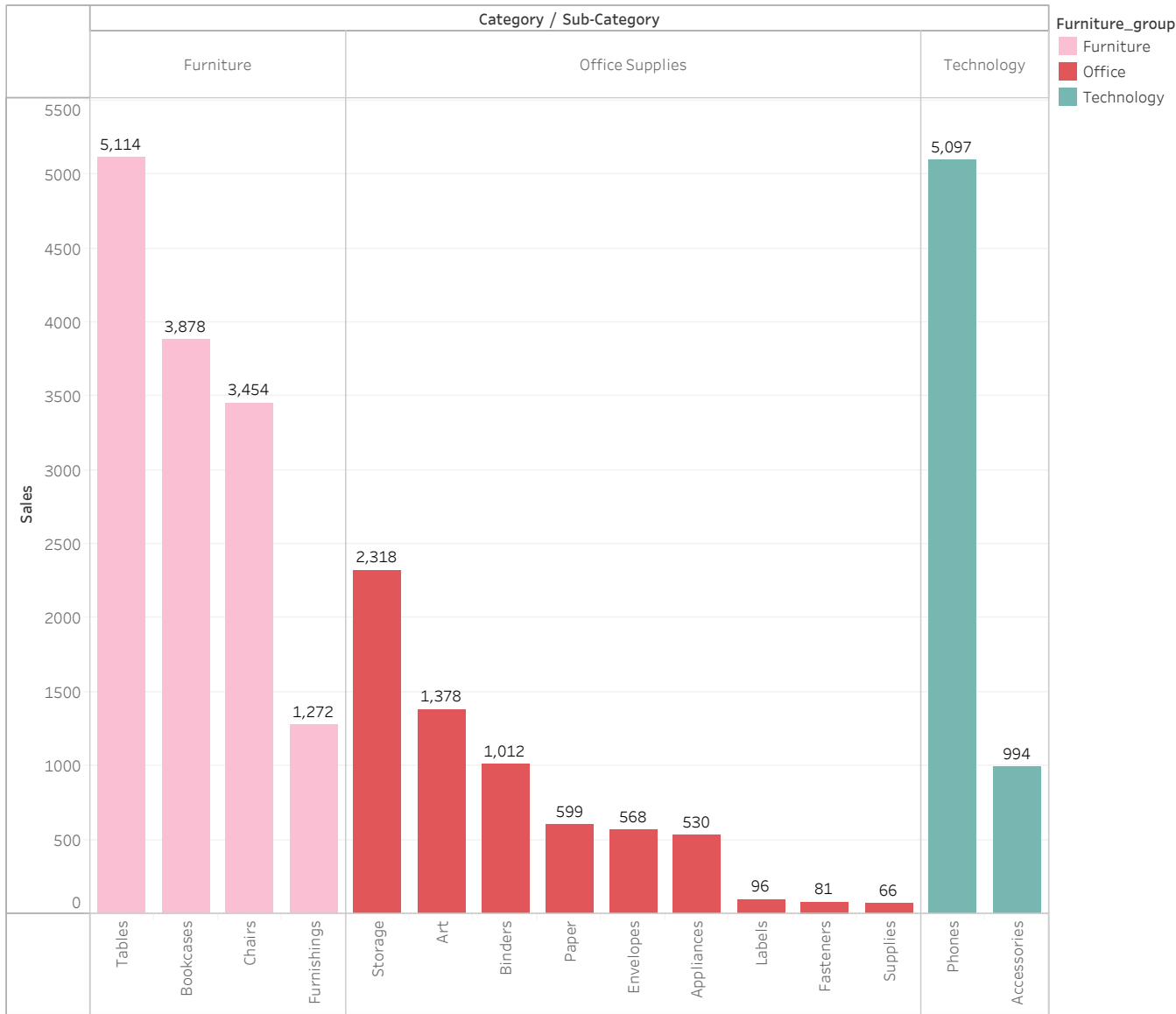
Barchart Showing Top
5 States by Sum of
Sales

Grouping Sub
categories of a
category by Sum of S..

Heat Map Showing
Average
Quantity&Discount b..

Pie Chart Showing Sum
of Quantity&Profit by
Category

Map Showing Profit
by State



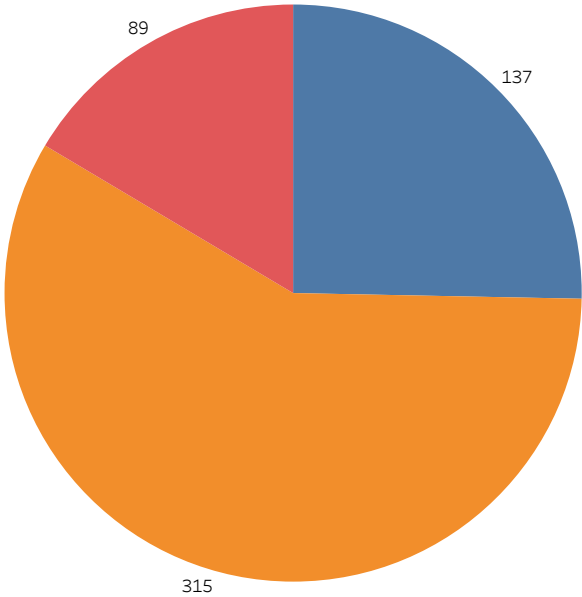
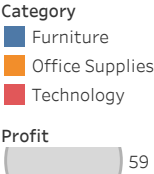
Story 1

- Bubble Chart Showing Sum of Sales by S..
- BarChart Showing Context Filtering of Furniture and Techno..
- Barchart Showing Top 5 States by Sum of Sales
- Grouping Sub categories of a category by Sum of S..
- Heat Map Showing Average Quantity&Discount b..
- Pie Chart Showing Sum of Quantity&Profit by Category
- Map Showing Profit by State



Story 1

Bubble Chart Showing Sum of Sales by S..	BarChart Showing Context Filtering of Furniture and Techno..	Barchart Showing Top 5 States by Sum of Sales	Grouping Sub categories of a category by Sum of S..	Heat Map Showing Average Quantity&Discount b..	Pie Chart Showing Sum of Quantity&Profit by Category	Map Showing Profit by State
--	--	---	---	--	--	-----------------------------



Story 1

Bubble Chart Showing Sum of Sales by S..	BarChart Showing Context Filtering of Furniture and Techno..	Barchart Showing Top 5 States by Sum of Sales	Grouping Sub categories of a category by Sum of S..	Heat Map Showing Average Quantity&Discount b..	Pie Chart Showing Sum of Quantity&Profit by Category	Map Showing Profit by State
--	--	---	---	--	--	-----------------------------

