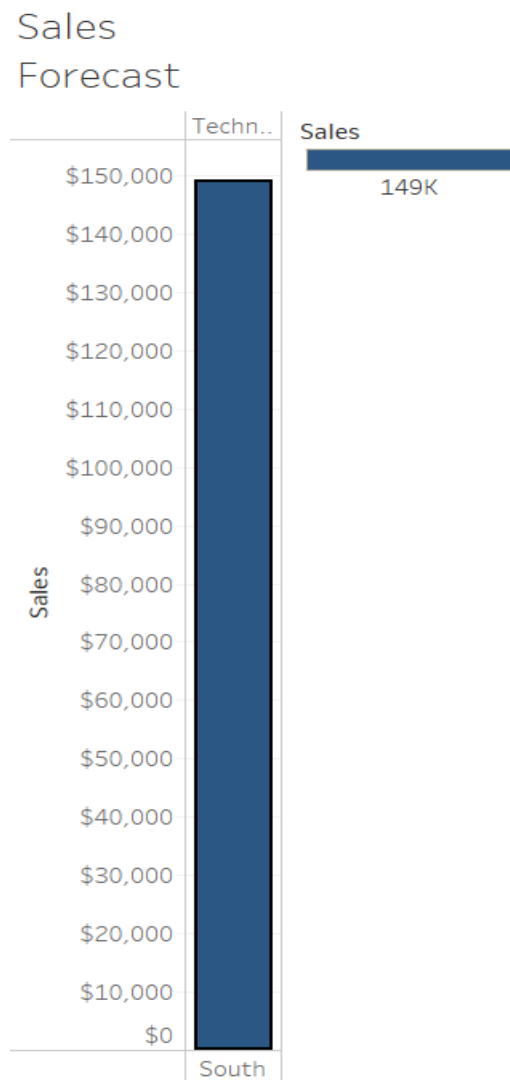


Lab-2 Date: 07.08.2024

Perform these tasks on Superstore_Context dataset

1. Dimension Filtering:

- o Create a bar chart showing Sales by Product Category.
- o Add a filter to allow users to select which Product Category to display.
- o Filter by Product Category (e.g., only show the sales of "Technology").
- o Filter by Region (e.g., show only the sales in the "South" region).

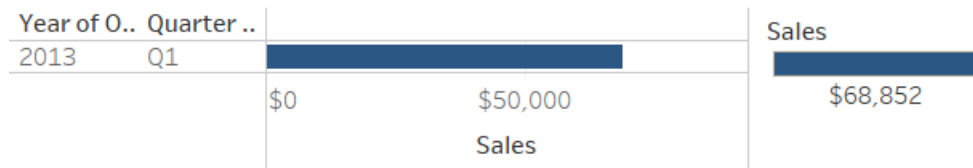


Sum of Sales for each Region broken down by Category. Color shows sum of Sales. The view is filtered on Category and Region. The Category filter keeps Technology. The Region filter keeps South.

2. Date Filtering:

- o Filter by Order Date (e.g., show sales from the first quarter of 2013).

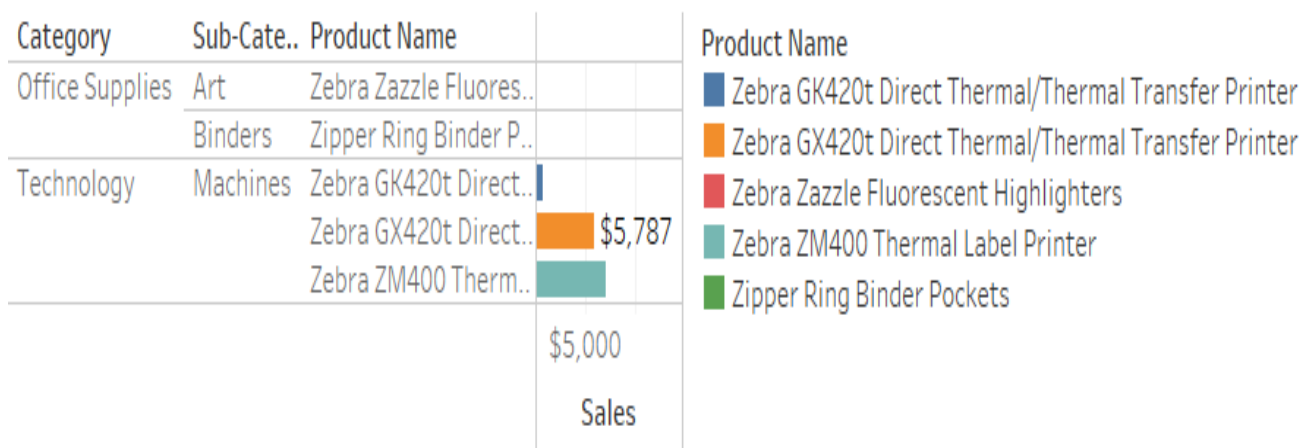
2. Date Filtering:



3. Wildcard Filtering:

- o Filter by product name (e.g., show product name that starts with z).

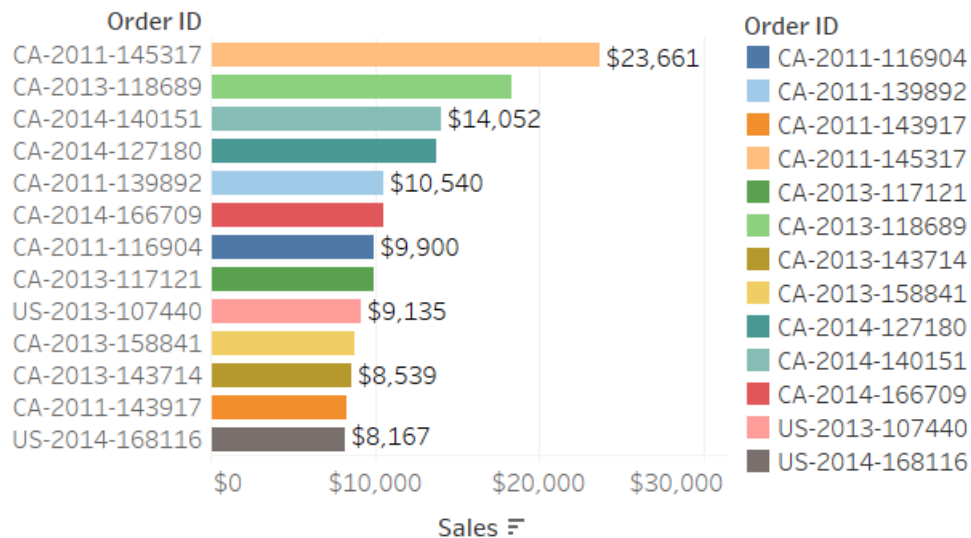
3. Wildcard Filtering:



4. Measure Filtering:

o Filter by Order Id (e.g., show Order Id having sales greater than \$7700)

Measure Filtering:

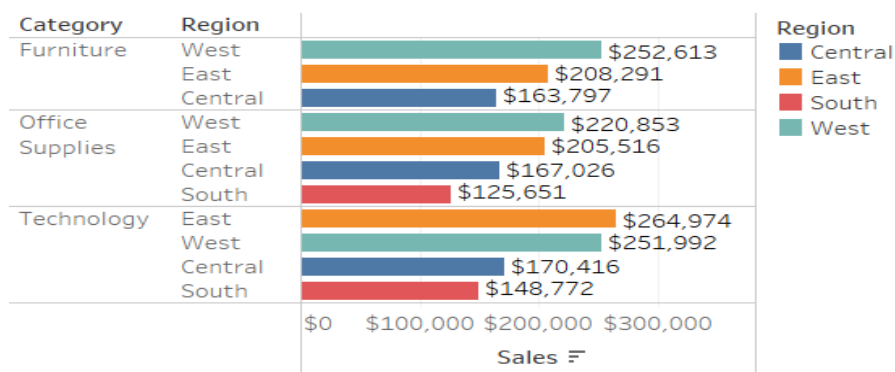


Sum of Sales for each Order ID. Color shows details about Order ID. The view is filtered on sum of Sales and Order ID. The sum of Sales filter includes values greater than or equal to \$7,700. The Order ID filter keeps 13 of 5,009 members.

Region and Product Category Filter :

Question: Which regions have the highest sales for each product category?

Region and Product Category Filter

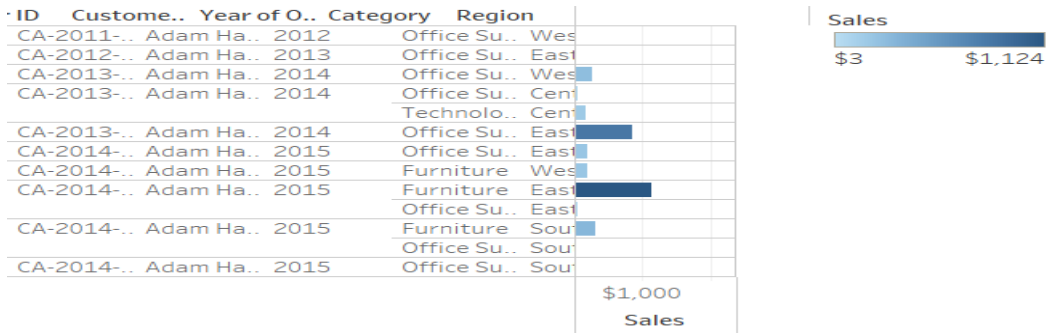


Sum of Sales for each Region broken down by Category. Color shows details about Region. The marks are labeled by sum of Sales. The view is filtered on Category, Region and sum of Sales. The Category filter keeps Furniture, Office Supplies and Technology. The Region filter keeps Central, East, South and West. The sum of Sales filter ranges from \$120,857 to \$264,974.

Ans:- Highest sale for Category Technology of region East.

Question: What are the sales details for a specific customer?

Product Category Filter by name

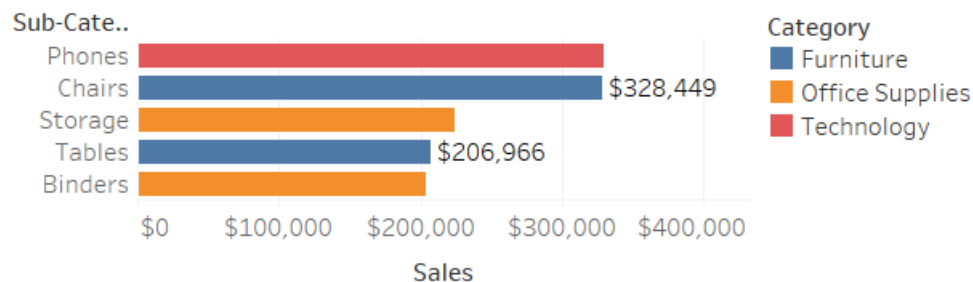


Sum of Sales for each Region broken down by Order ID, Customer Name, Order Date Year and Category. Color shows sum of Sales. The data is filtered on Order Date Year, which keeps 2012, 2013, 2014 and 2015. The view is filtered on Category, Order ID, Customer Name and Region. The Category filter keeps Furniture, Office Supplies and Technology. The Order ID filter keeps 5,009 of 5,009 members. The Customer Name filter keeps Adam Hart. The Region filter keeps Central, East, South and West.

Top N Products Filter :-

Question: What are the top 5 products by sales amount?

N products Filter



Sum of Sales for each Sub-Category. Color shows details about Category. The view is filtered on Sub-Category, which keeps Binders, Chairs, Phones, Storage and Tables.

Allow users to adjust the number of top products displayed, firstly set the parameter then show filter and then setting short for nest and then applicable.