

Visuals used to analyze the Cause of returns at SuperStore. Visuals can be filtered by category.

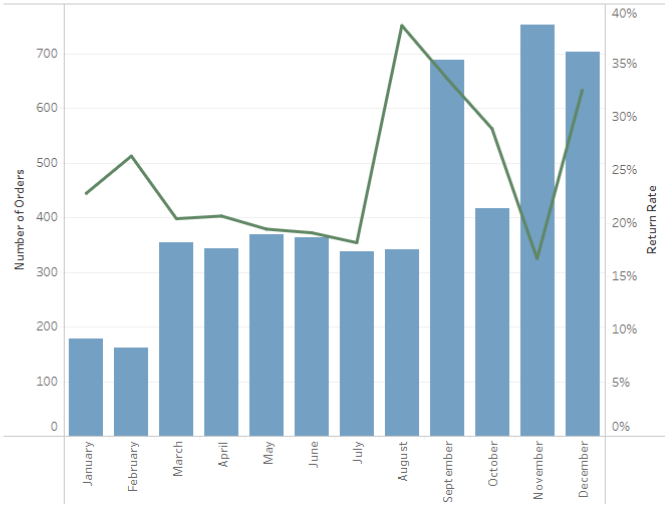
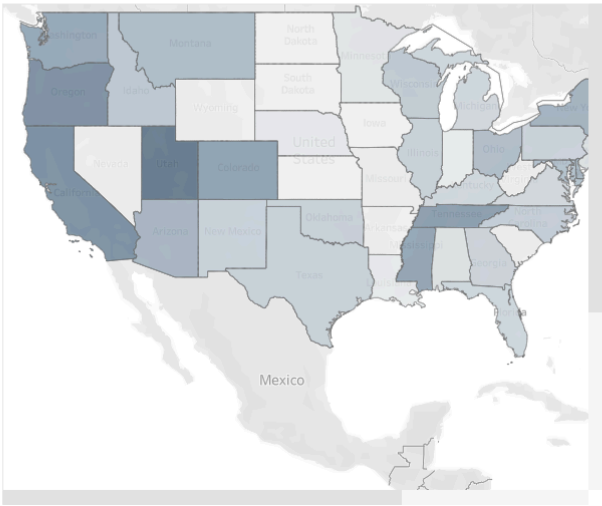
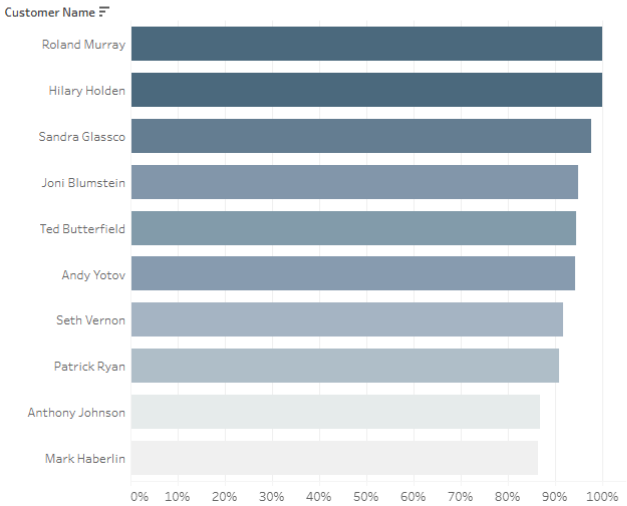
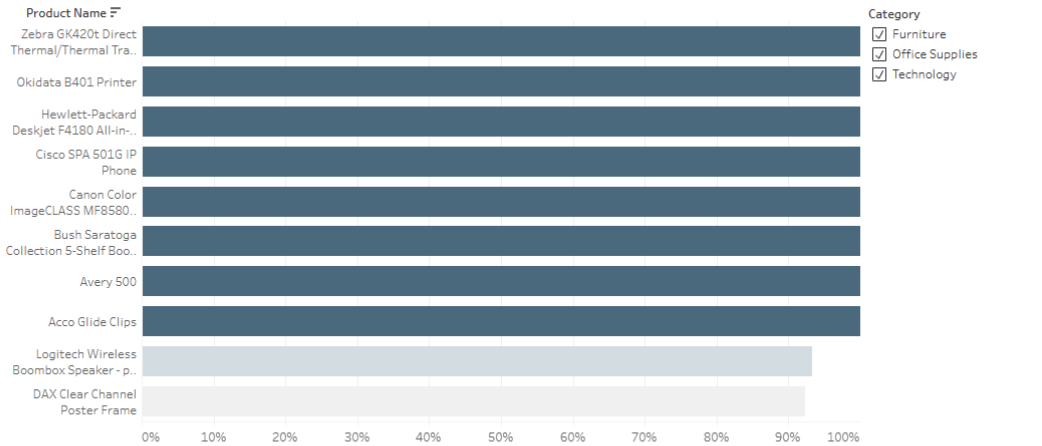
**Top Customer Returns:** Examines customers with the highest return rate. Customers with only one purchase were not considered. Some customers have return rates of 100%.

**Top Product Returns:** Examines products with the highest return rate. Products with only one purchase were not considered. Some products have return rates of 100%.

**Returns by State:** Shows return rates by state. Utah has the highest return rate.

**Orders Composite:** Shows the number of orders compared to return rates per typical month to identify any seasonal trends. Returns are highest around peak purchases, namely August/September and December.

Return Rates by Causes



# Returns Analysis Presentation

<	Summary 1) Measurement for Returns	Total Sales vs Returns Overview	Category Return Rate Overview	Customer Return Rate Overview	Product Return Rate Overview	Returns Map Overview	Re: Ov	>
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## Returned purchases: The leading cause of Superstore's declining profits.

- 1) Returns were first measured by the total number for a high-level view of the scale of the issue in comparison to sales.
- 2) Returns were also measured by a rate of return for a more in-depth analysis of this large data set.

### Cause of Returns: Multifaceted Problem

**Customer** - There are several customers with unusually high return rates; Several customers have a return rate of 100%.

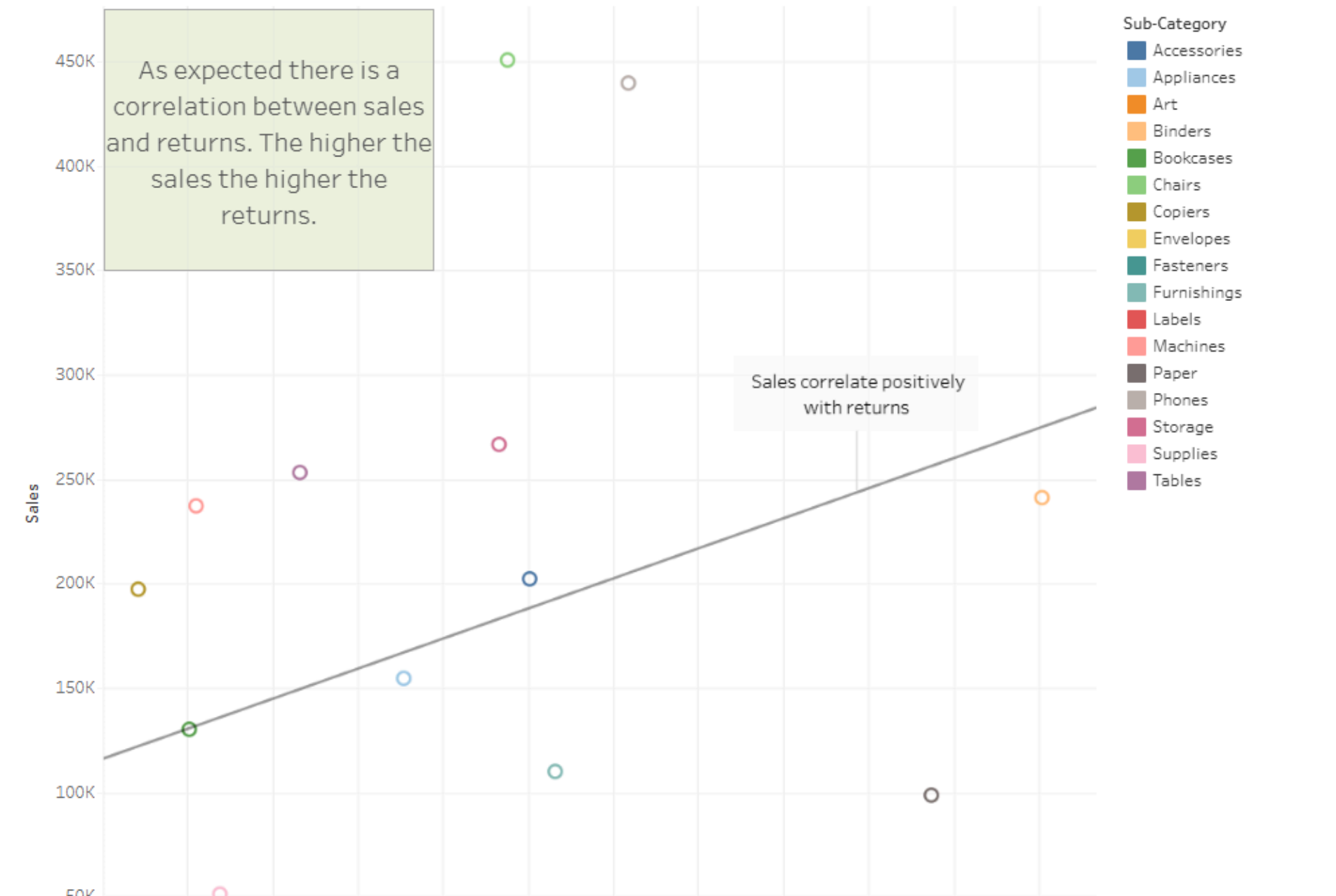
**Product** - There are several products with unusually high return rates; Several products have a return rate of 100%.

**State** - The location where the order was delivered; Utah being a particular problem.

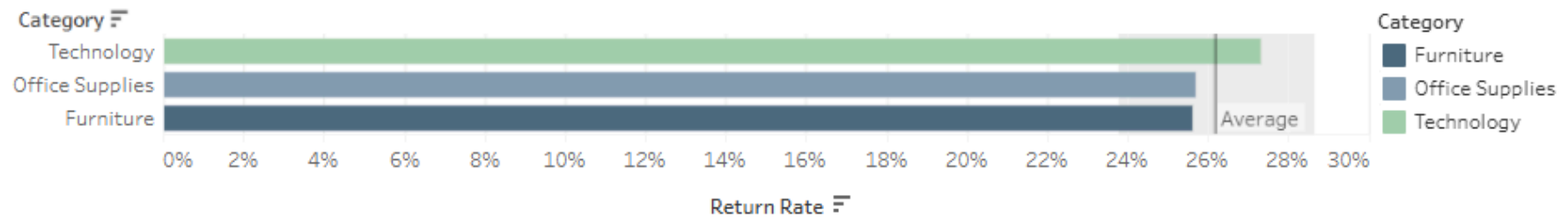
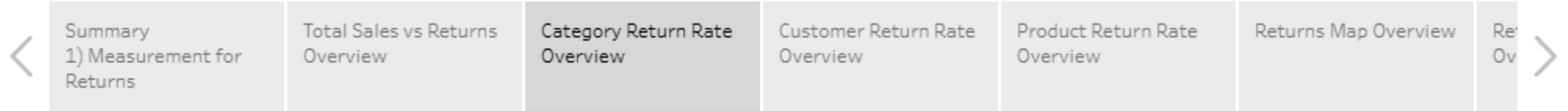
**Month** - Orders are returned significantly more in August with September close behind corresponding with increased purchases.

# Returns Analysis Presentation

<	Summary 1) Measurement for Returns	Total Sales vs Returns Overview	Category Return Rate Overview	Customer Return Rate Overview	Product Return Rate Overview	Returns Map Overview	Re: Ov	>
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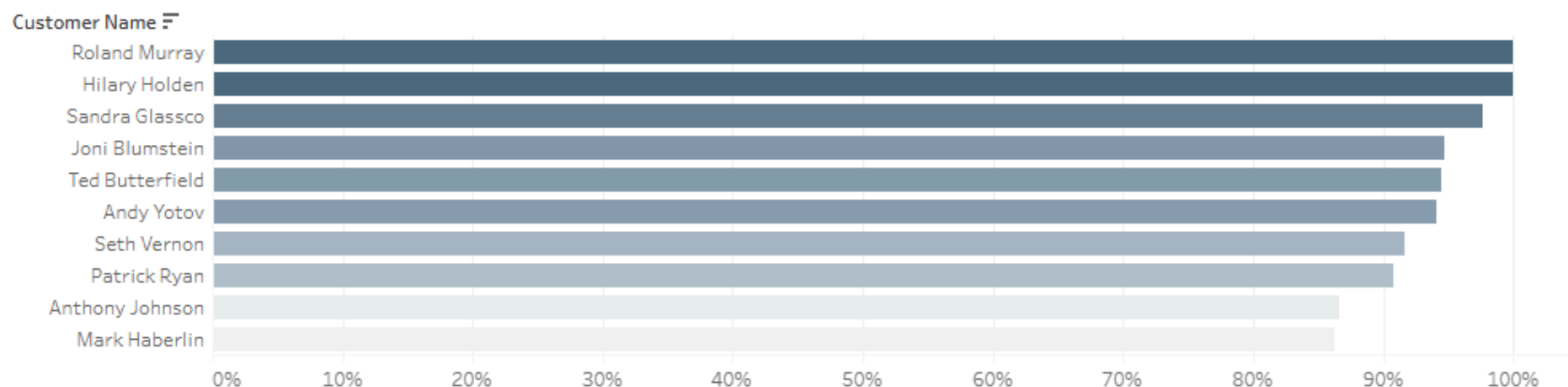
# Returns Analysis Presentation



There is a greater return rate for products in the Technology category. This is enough to compare further results by category.

# Returns Analysis Presentation

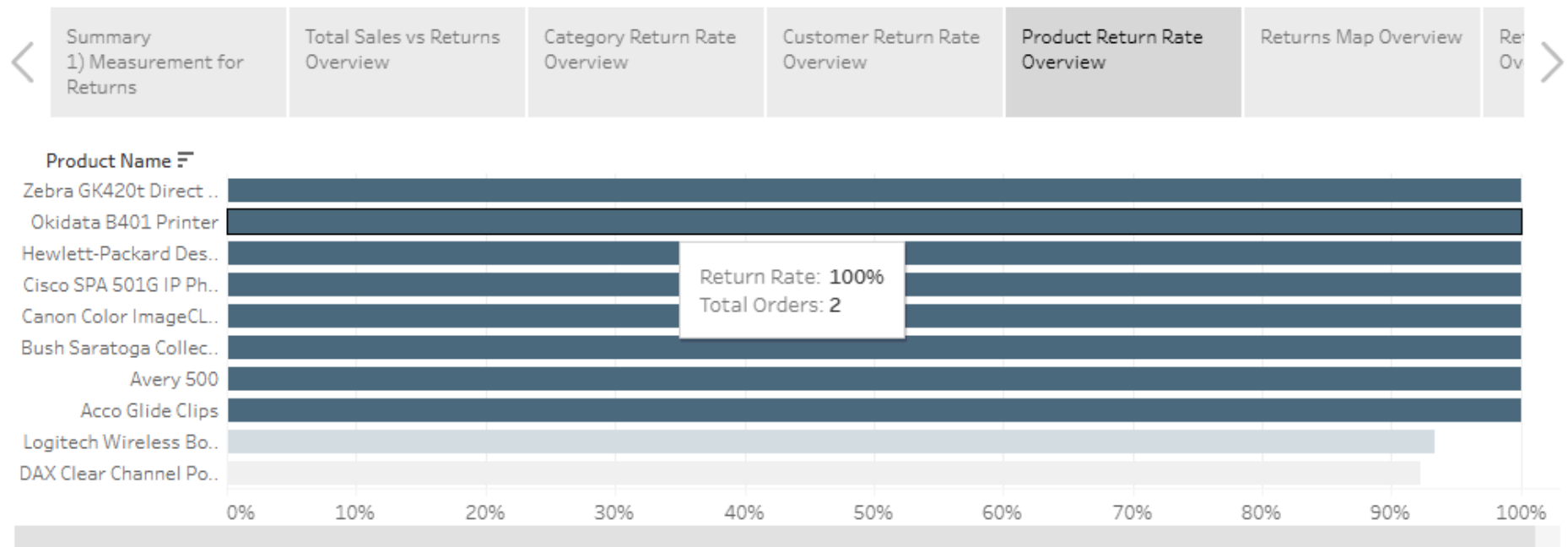
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Roland Murray and Hilary Holden have returned every purchase they have made. While several other customers have a high return rate.

When examined by category we can see technology has significantly more 100% return rates.

# Returns Analysis Presentation



Zebra GK420t and Okidata B401 Printers have been returned after every purchase of that product. At the same time, 6 other products have a high return rate of 100% while several others have abnormally high return rates.

When examined by category we can see technology has significantly more 100% return rates.

## Returns Analysis Presentation

Summary

1) Measurement for Returns

Total Sales vs Returns Overview

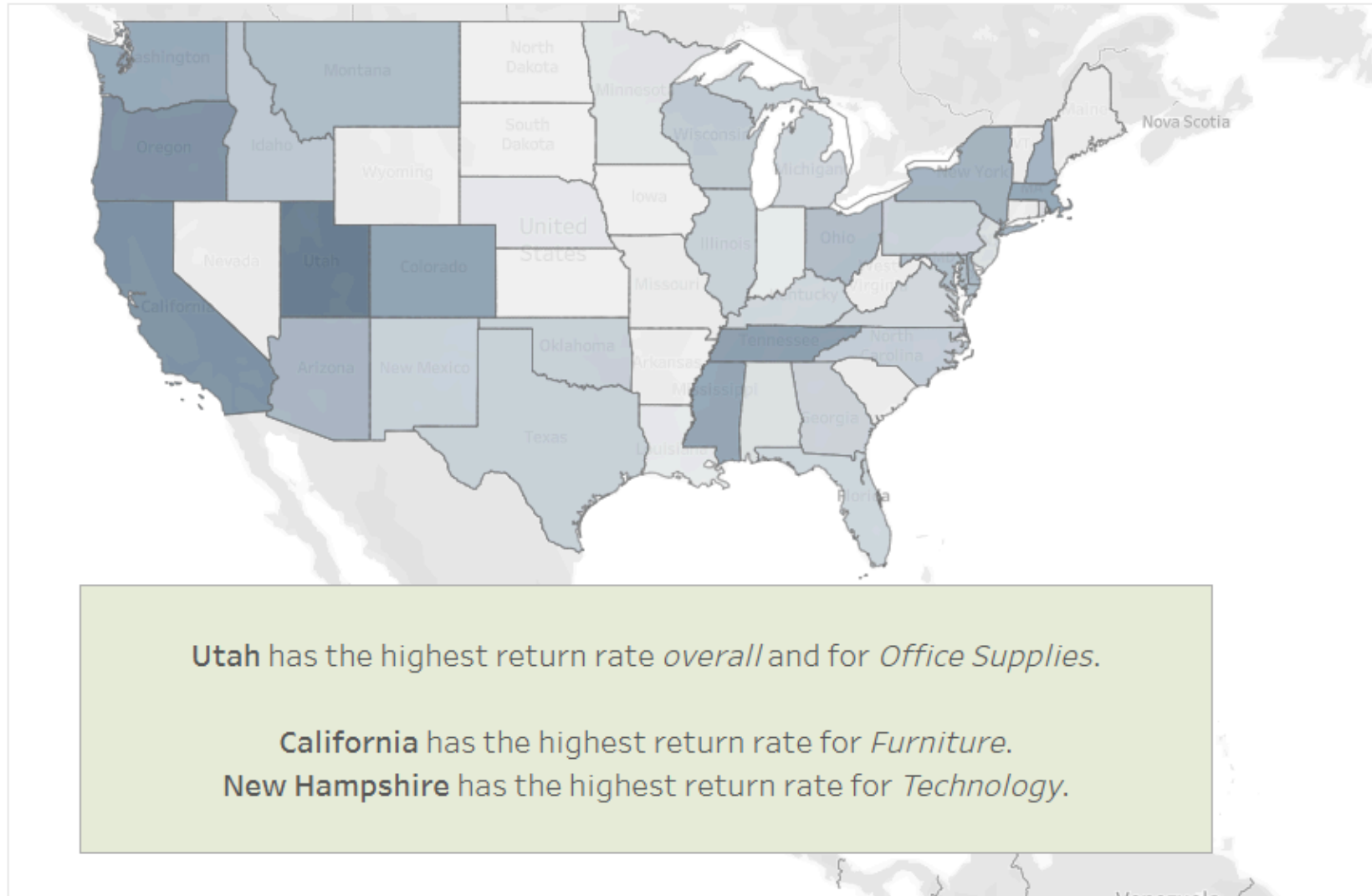
Category Return Rate Overview

Customer Return Rate Overview

Product Return Rate Overview

Returns Map Overview

Report Overview



# Returns Analysis Presentation

<	te	Product Return Rate Overview	Returns Map Overview	Return over time Overview	Composite Overview	Demonstration 1) How to interpret dashboard and use	Conclusion Propose Next Steps
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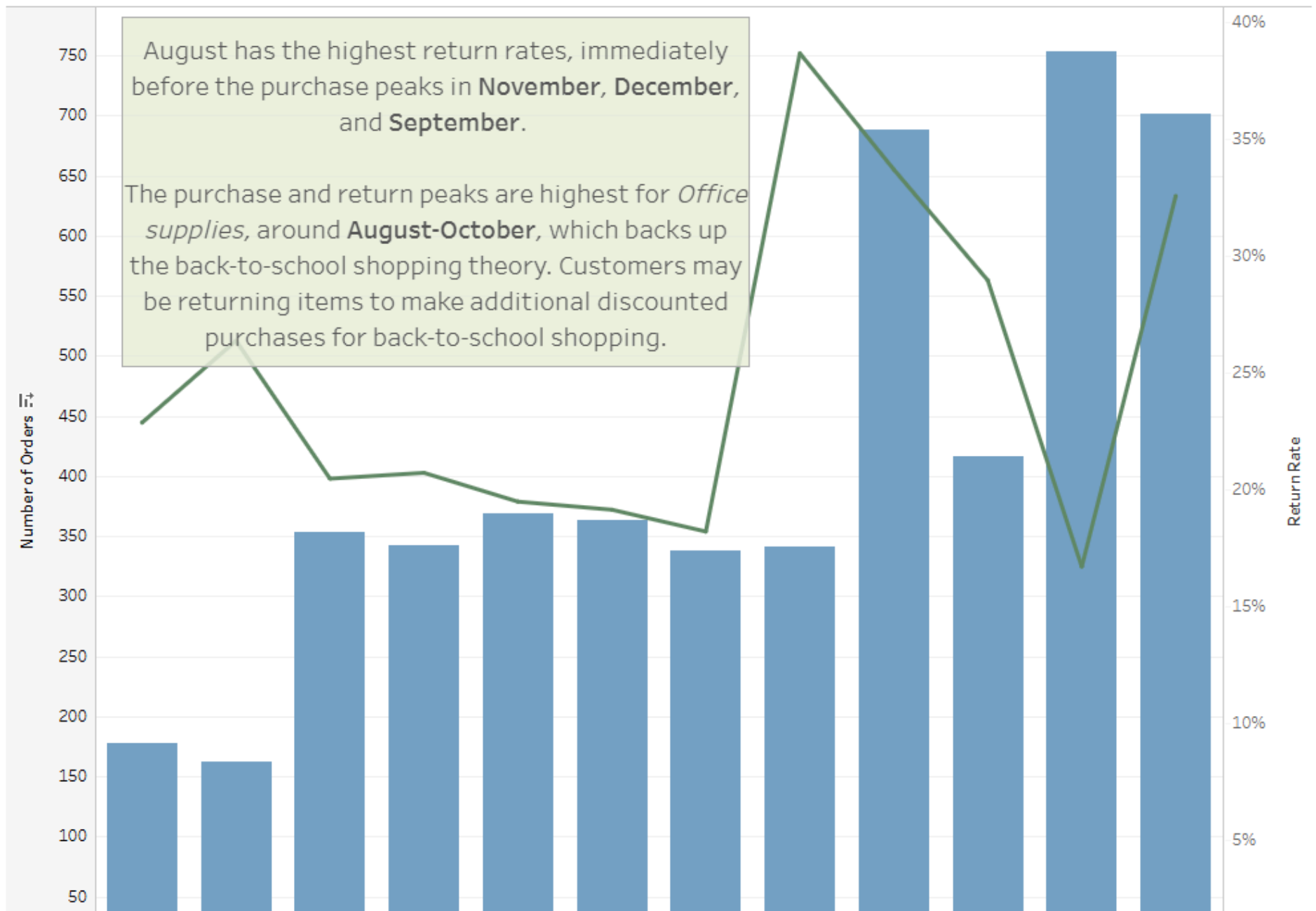
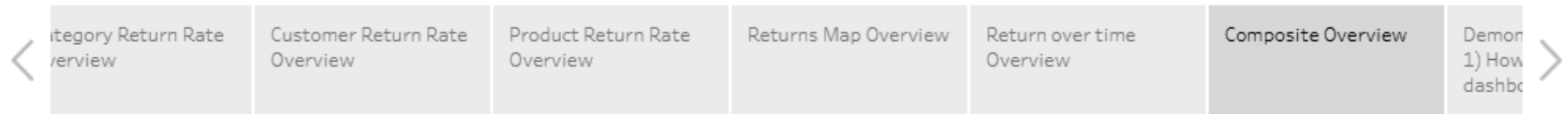
**August** purchases have the highest return rates *Overall* and for *Office Supplies*.

**September** purchases have the highest return rates for *Furniture* and *Technology*.

The peaks in February, August-October, and December could be attributed to seasonal events such as Valentine’s Day, back-to-school shopping, and holiday shopping. These periods may



# Returns Analysis Presentation



# Returns Analysis Presentation

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## In Conclusion:

The cause of returns is a multidepartment widespread problem. There are several contributing factors such as Customer, Product, Location, and Time of year. All of which are affected by category.

## Recommendations:

- 1) Employee training in the technology department to better assist customers in choosing the right product.
- 2) Reach out to customers with a 100% return rate to determine the reasons behind their decision. Implement any changes needed in our website or shipping partners that are causing these returns.
- 3) As triage, immediately stop selling the problem products.
- 4) Focus internal efforts on updating product information, and size guides, and promoting customer reviews via social media collaborations.
- 5) Consider stricter return policies or charging a return fee for purchases made in problem states.
- 6) Adjust promotional strategies such as promoting gift cards for holiday peaks, and shifting from discounts to value-added like free shipping.