

Creating dashboards

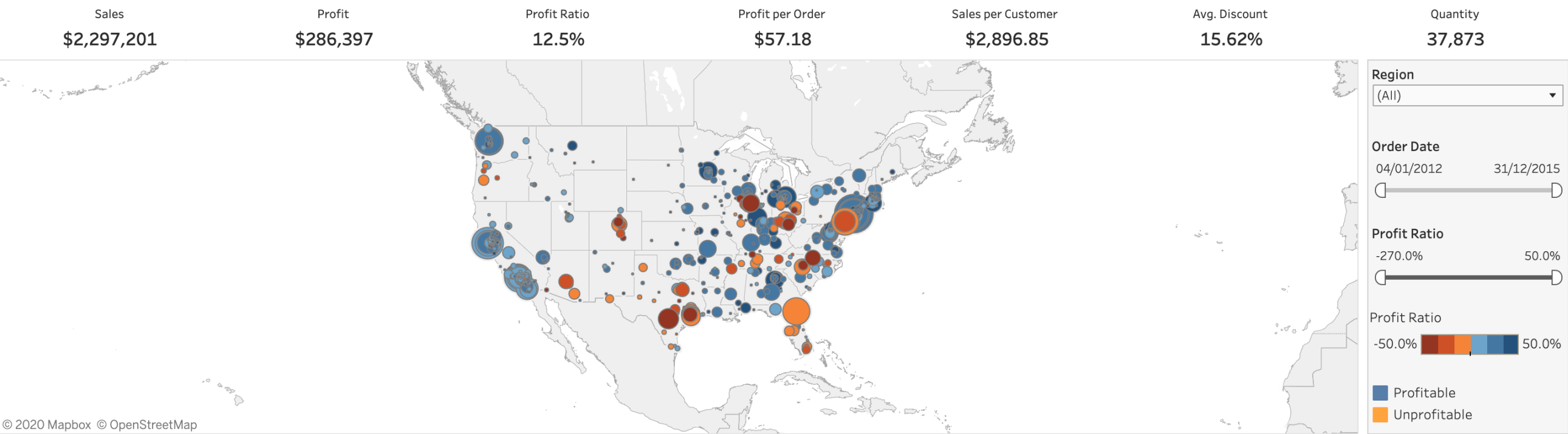
CREATING DASHBOARDS IN TABLEAU



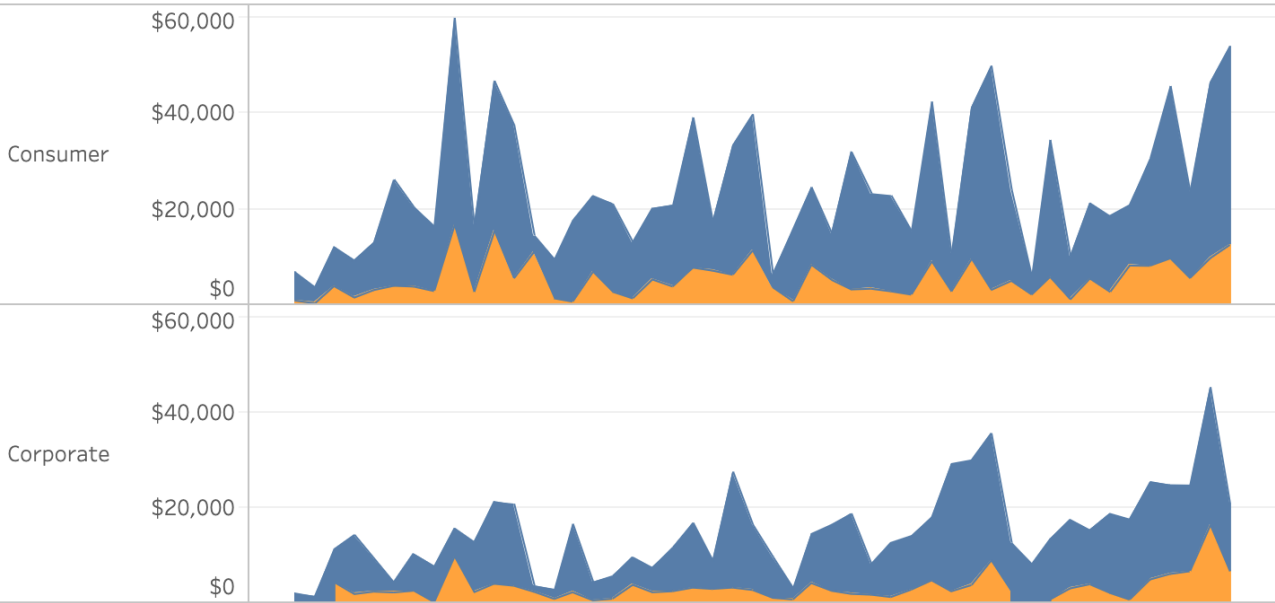
Sara Billen

Curriculum Manager, DataCamp

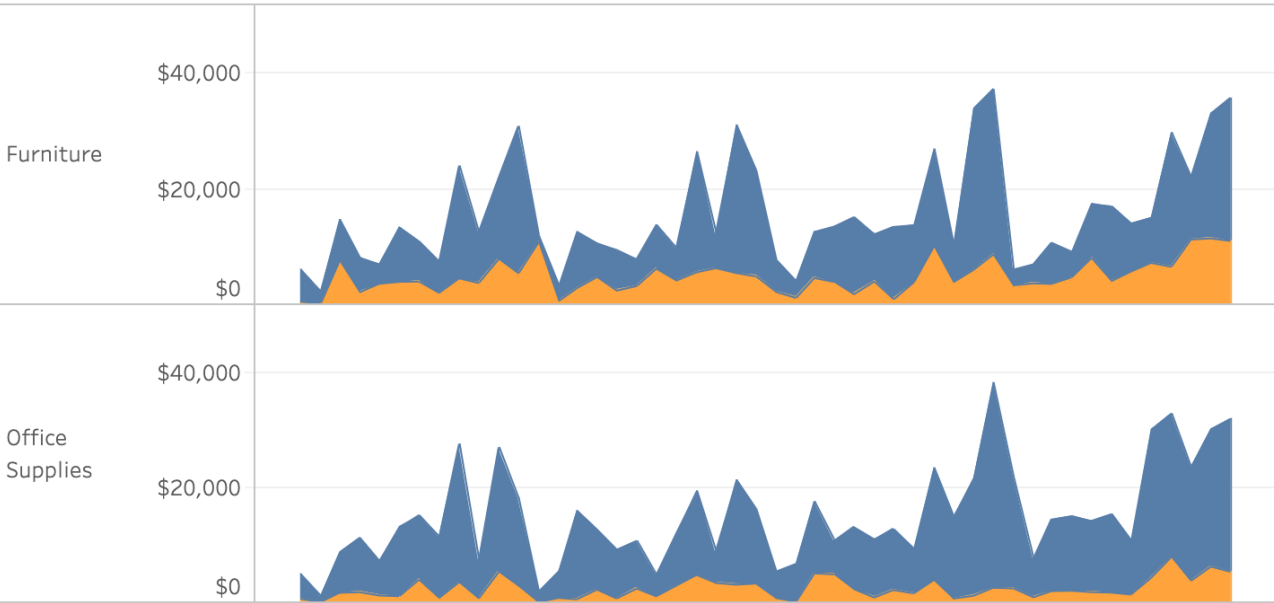
Executive Overview - Profitability (All)



Monthly Sales by Segment - States: All



Monthly Sales by Product Category - States: All



¹ <https://www.tableau.com/solutions/gallery/superstore>

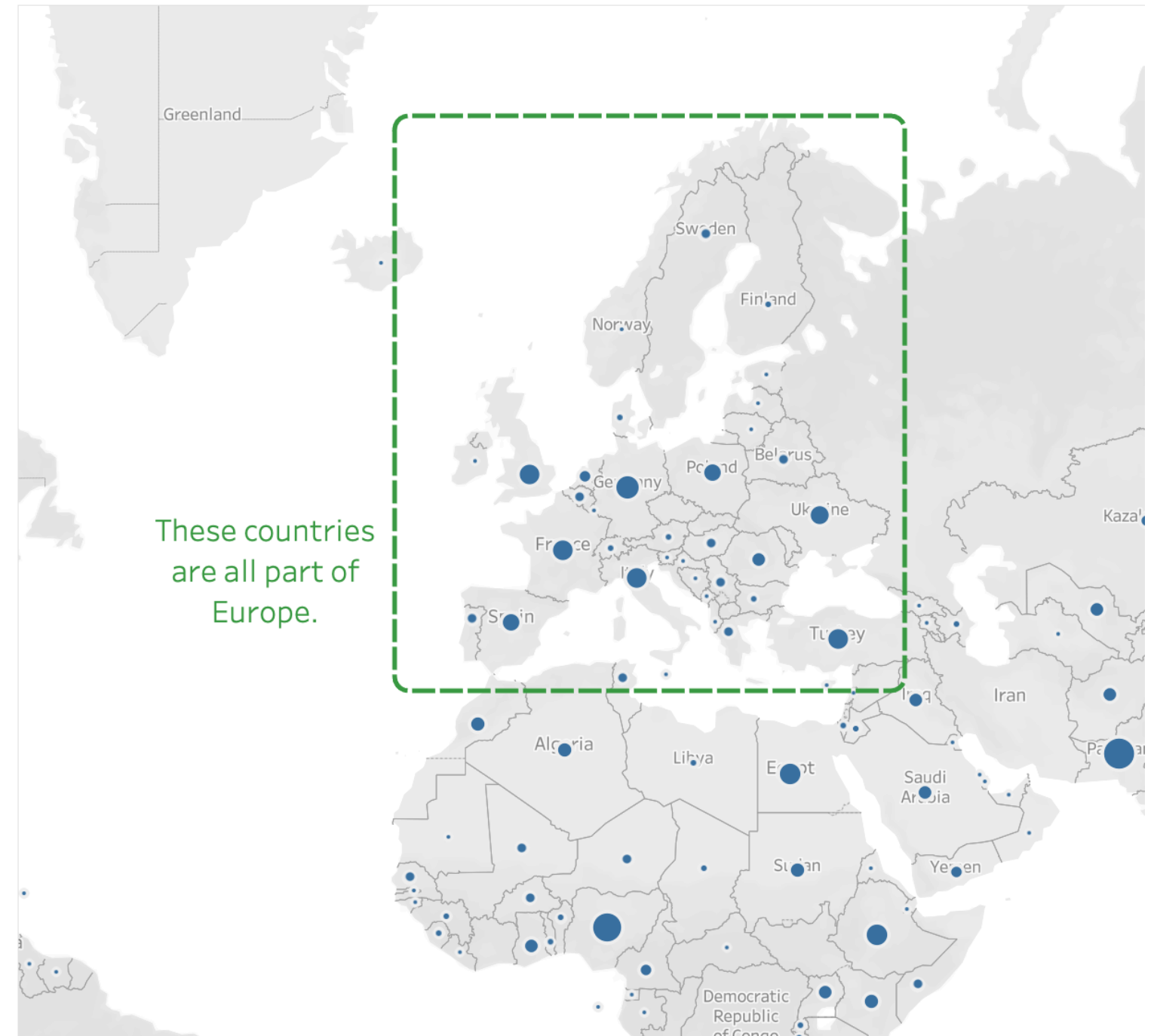
Dashboards

- Create insights
- Combine different worksheets
- Interactivity
- Self-serve data exploration
- Variety of purposes



Annotating dashboards

- Add text to draw attention
- Annotations:
 - Mark
 - Point
 - Area



Divvy data



¹ Photo credit: Arvell Dorsey Jr. from Chicago, IL, United States

Divvy data

Each trip is anonymized and includes:

- Trip start and end time
- Trip start and end station
- The number of docks available at each station
- Rider type (subscriber/customer)
- For subscribers, gender and year of birth

Calculated fields:

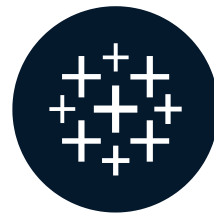
- Time block
- Seasons
- Weekday or weekend

Let's practice!

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Getting started

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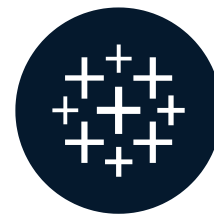
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Adding elements to the dashboard

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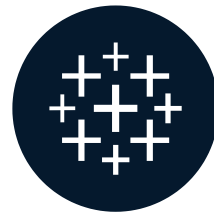
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Dashboard objects and actions

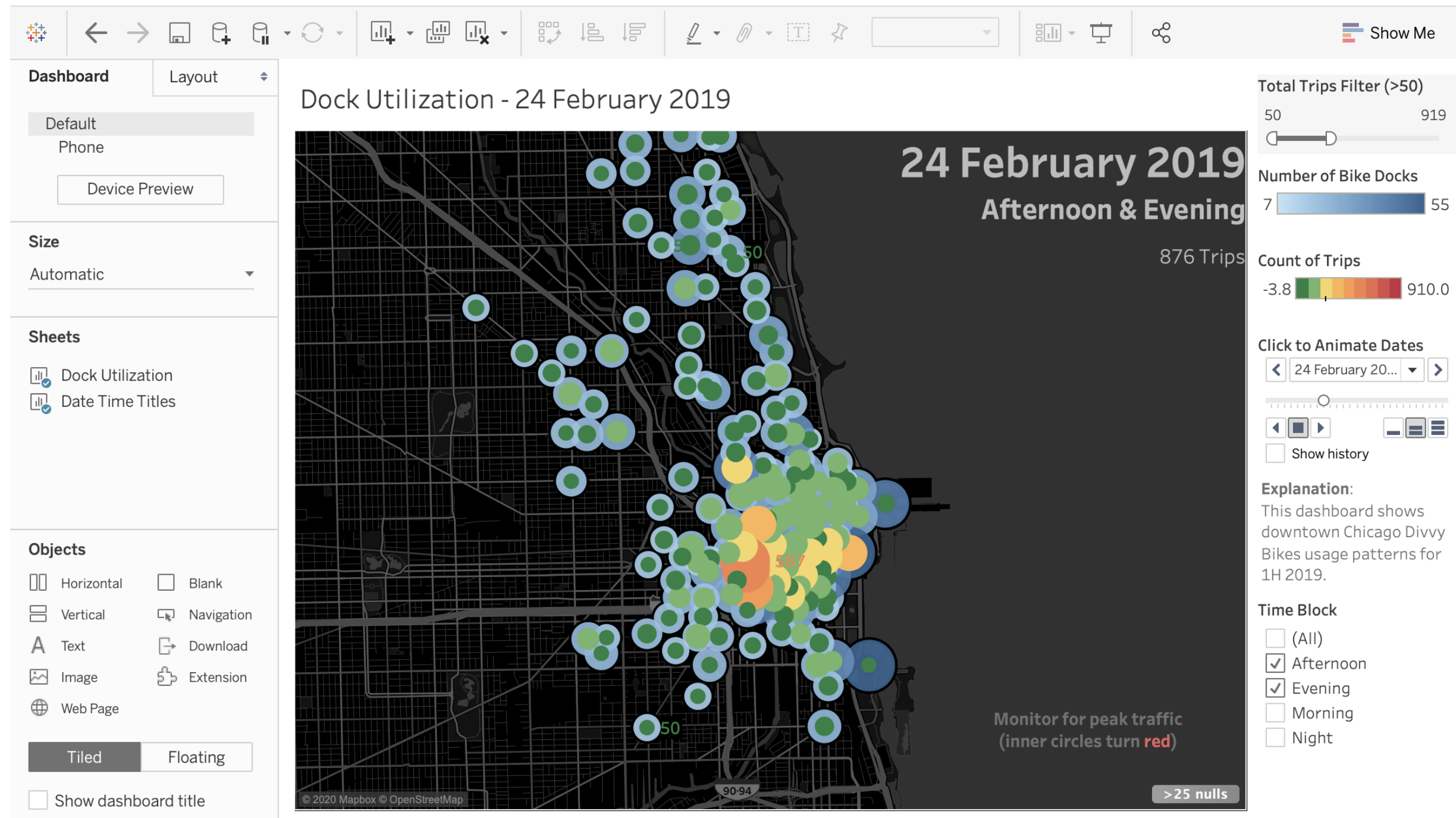
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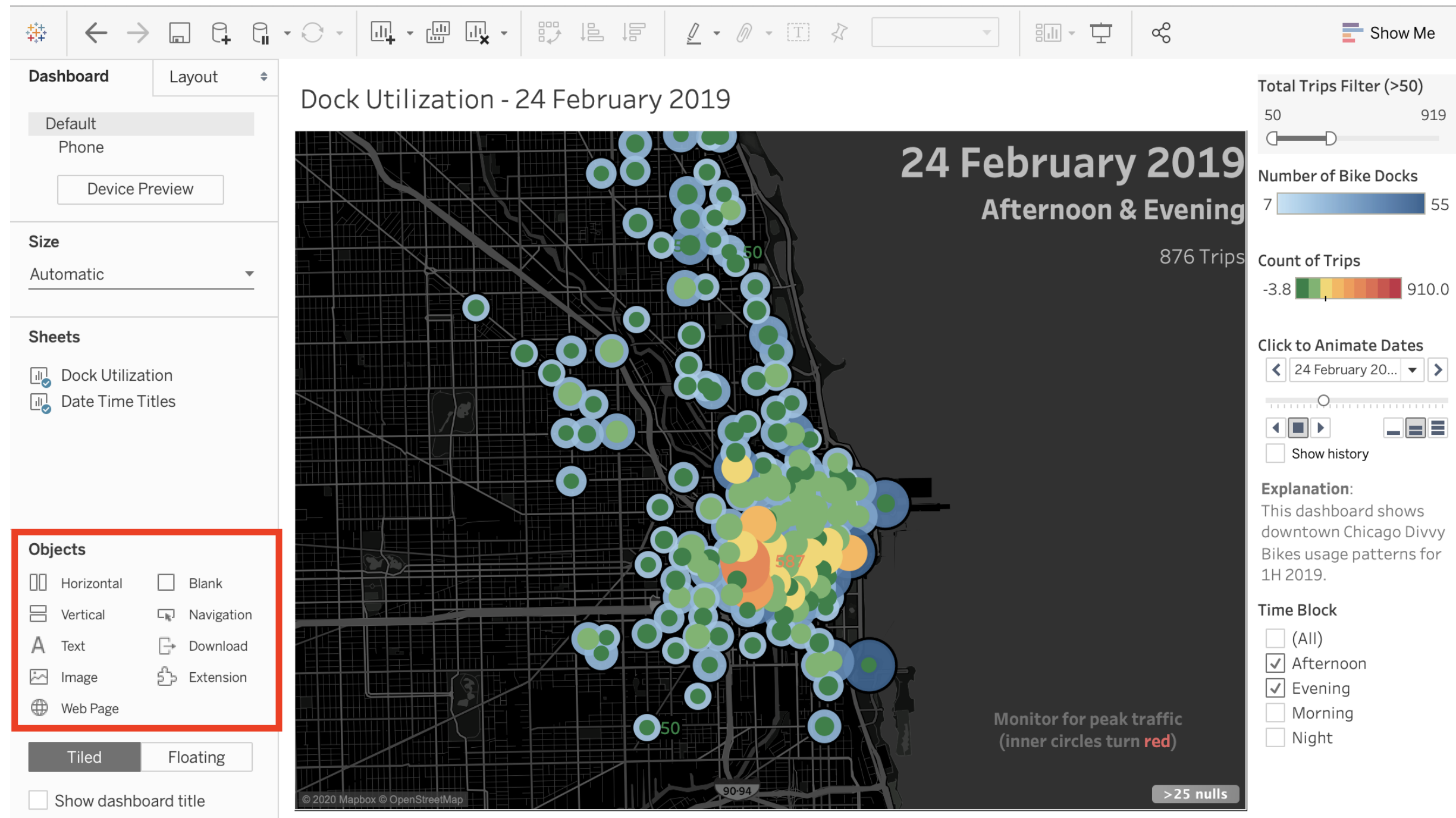
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Dashboard objects



Dashboard objects



Dashboard objects

The screenshot displays the Tableau interface with a dashboard titled "Dock Utilization - 24 February 2019". The left sidebar contains the "Dashboard" tab, "Layout" dropdown, "Default" and "Phone" view options, a "Device Preview" button, "Size" dropdown (set to "Automatic"), and "Sheets" list (containing "Dock Utilization" and "Date Time Titles"). The "Objects" menu is highlighted with a red box, showing options: Horizontal, Vertical, Text, Image, Web Page, Blank, Navigation, Download, and Extension. The main dashboard area shows a map of downtown Chicago with bike dock locations. The right sidebar contains filters: "Total Trips Filter (>50)" with a slider from 50 to 919, "Number of Bike Docks" with a slider from 7 to 55, "Count of Trips" with a color scale from -3.8 to 910.0, "Click to Animate Dates" with a date selector for "24 February 20...", "Show history" checkbox, "Explanation" text, and "Time Block" checkboxes for (All), Afternoon, Evening, Morning, and Night. The bottom of the dashboard shows a map with a "90-94" label and a ">25 nulls" warning.

Objects

- Horizontal
- Vertical
- Text
- Image
- Web Page
- Blank
- Navigation
- Download
- Extension

Dashboard: Dock Utilization - 24 February 2019

Filters:

- Total Trips Filter (>50): 50 to 919
- Number of Bike Docks: 7 to 55
- Count of Trips: -3.8 to 910.0
- Click to Animate Dates: 24 February 20...
- Show history: ☐
- Explanation: This dashboard shows downtown Chicago Divvy Bikes usage patterns for 1H 2019.
- Time Block: ☐ (All), ☒ Afternoon, ☒ Evening, ☐ Morning, ☐ Night

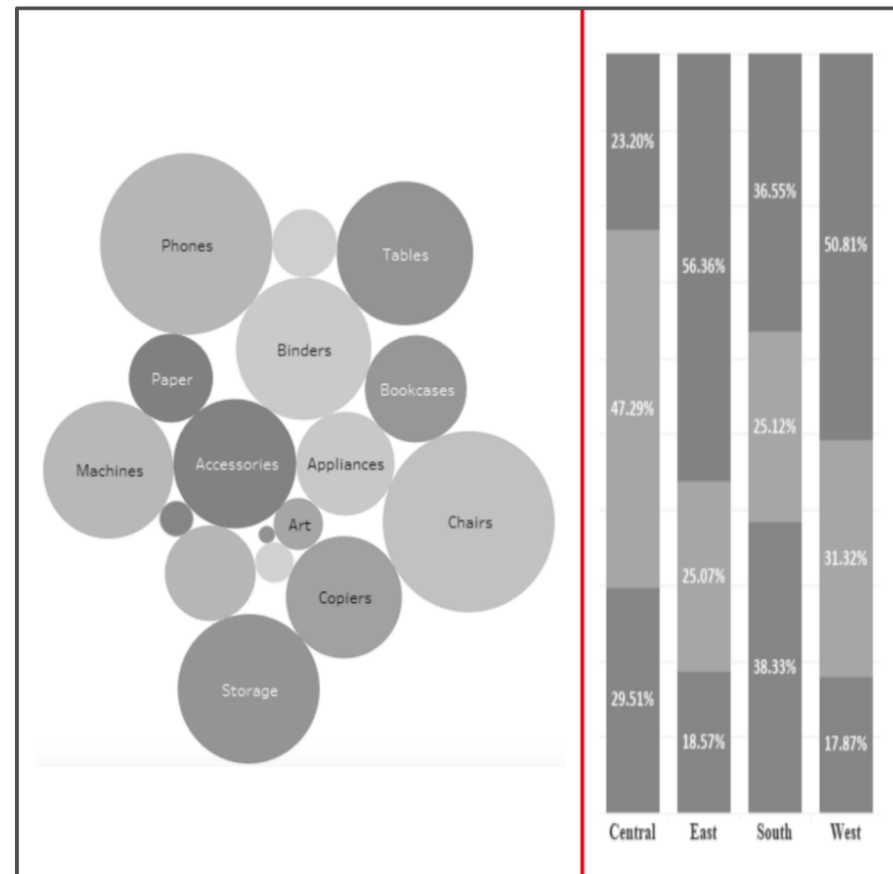
Map: 90-94, >25 nulls

Containers

Group related dashboard items together

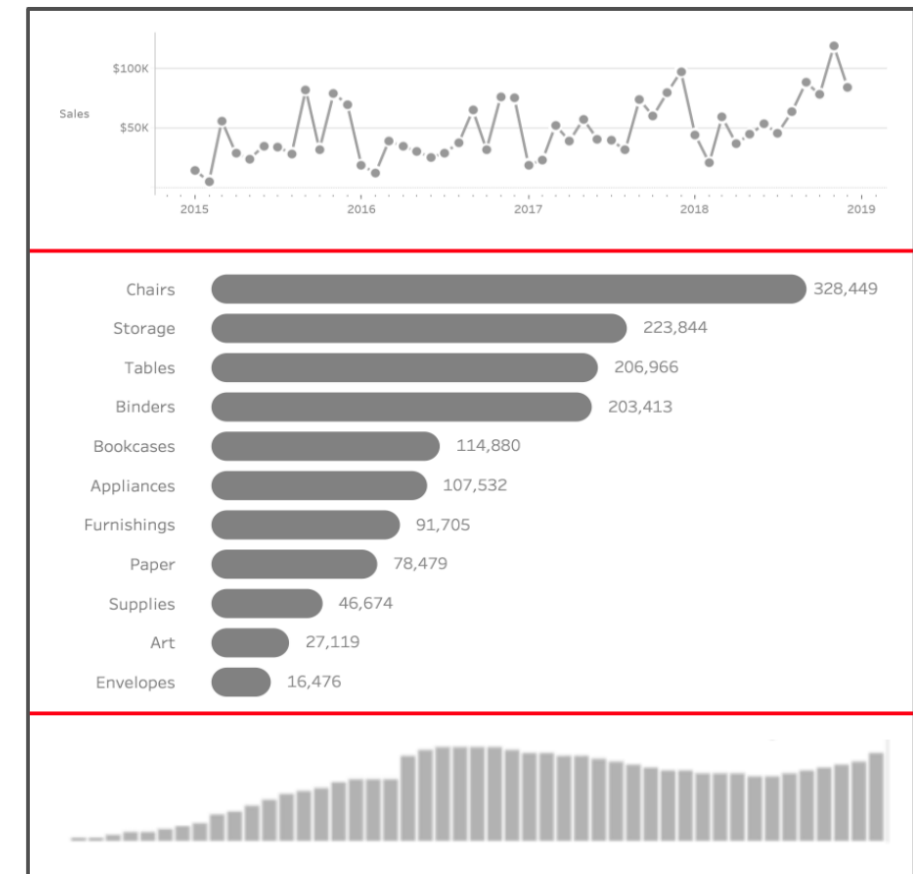
Horizontal container

- Resizes width



Vertical container

- Resizes height



Dashboard actions

- Add context and interactivity
- Filter actions:
 - Filter cards apply to all worksheets
 - Filter based on viz selections

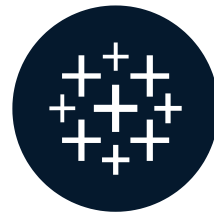


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Working with containers

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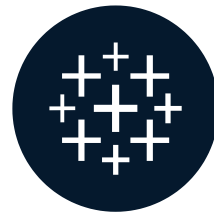
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Dashboard interactivity

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