

Creating dashboards

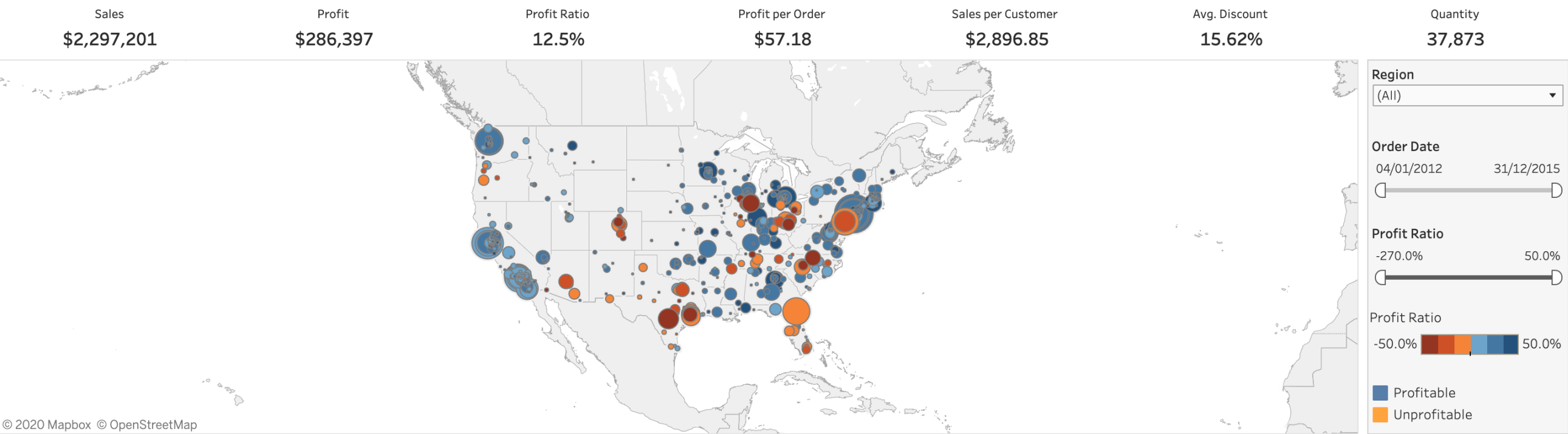
CREATING DASHBOARDS IN TABLEAU



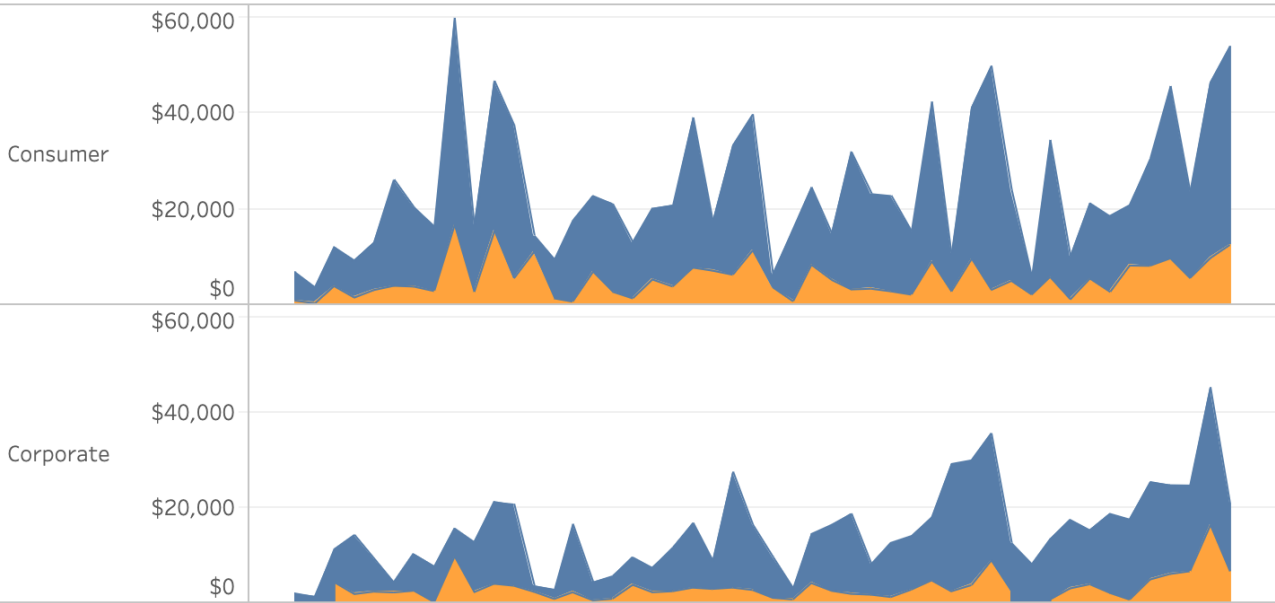
Sara Billen

Curriculum Manager, DataCamp

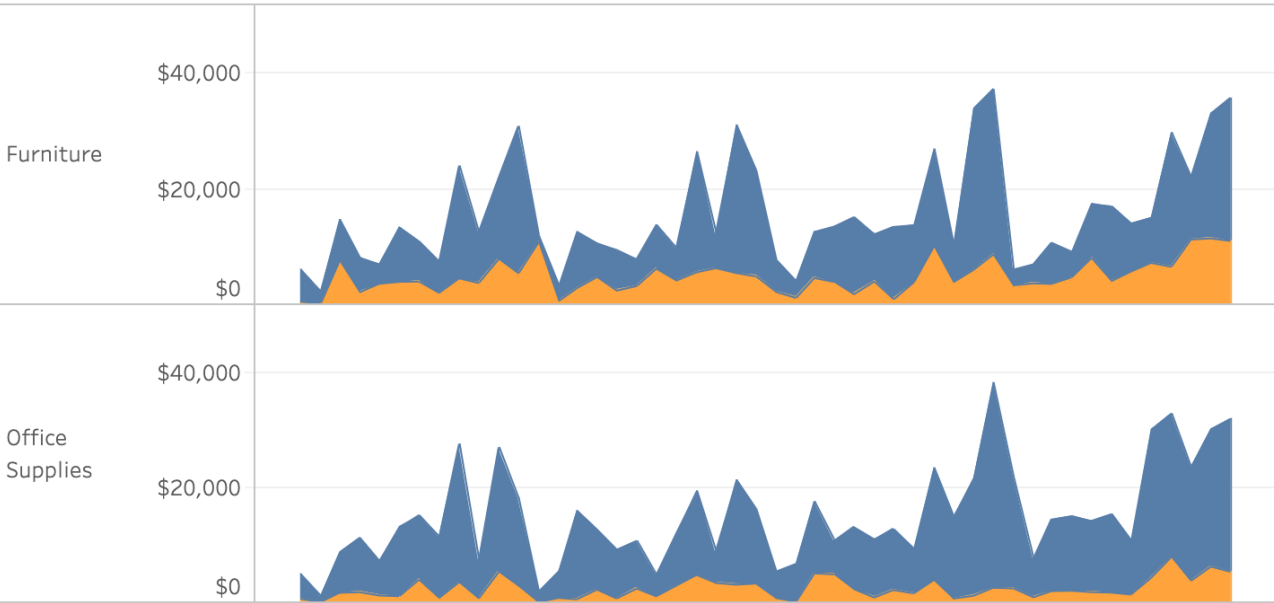
Executive Overview - Profitability (All)



Monthly Sales by Segment - States: All



Monthly Sales by Product Category - States: All



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

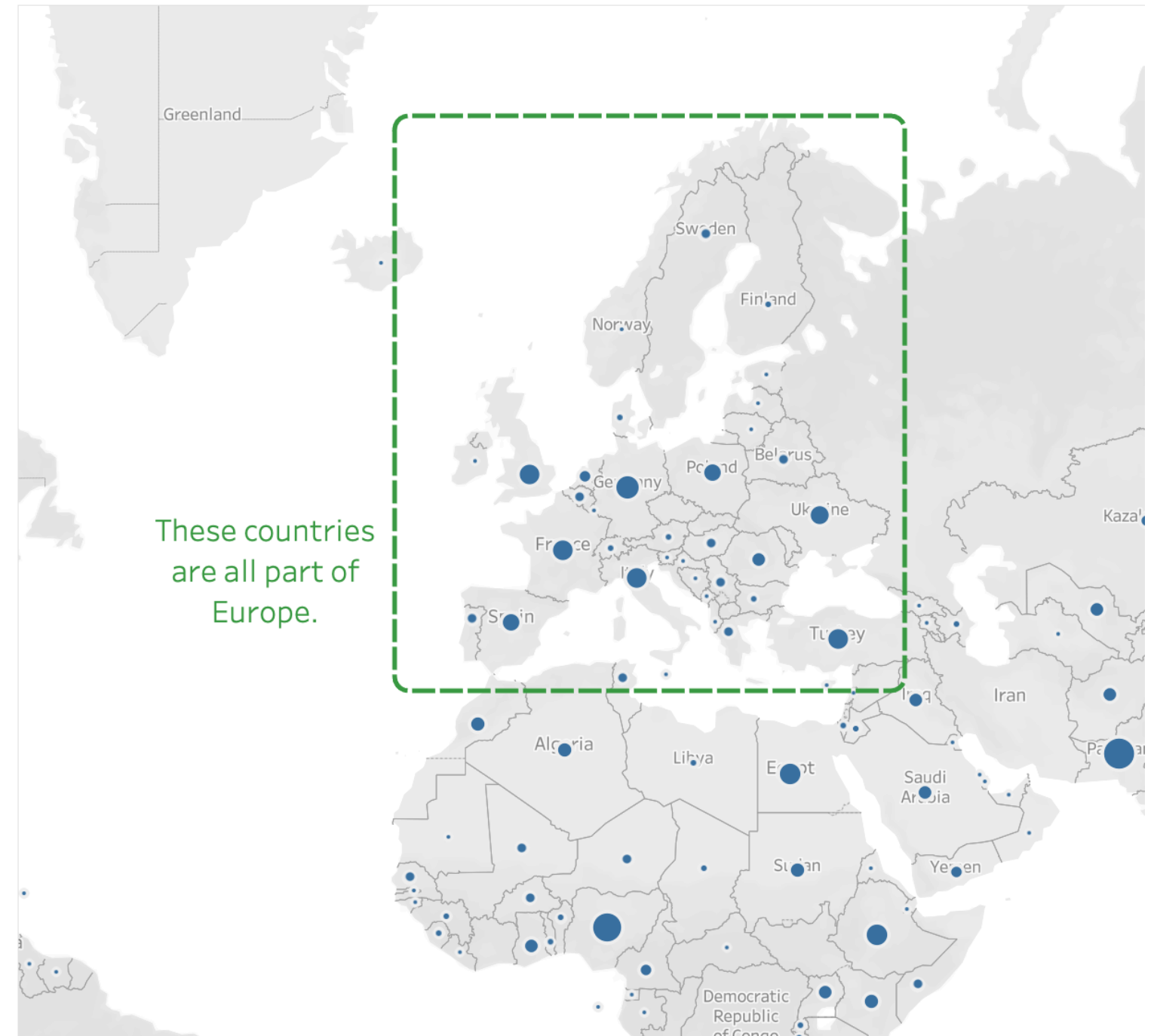
Dashboards

- 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:

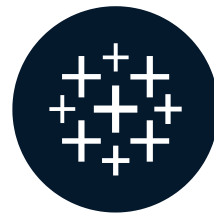
- Time block
- Seasons
- Weekday or weekend

Let's practice!

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Getting started

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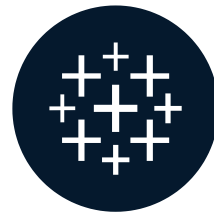
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Adding elements to the dashboard

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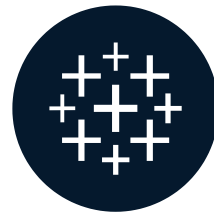
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Dashboard objects and actions

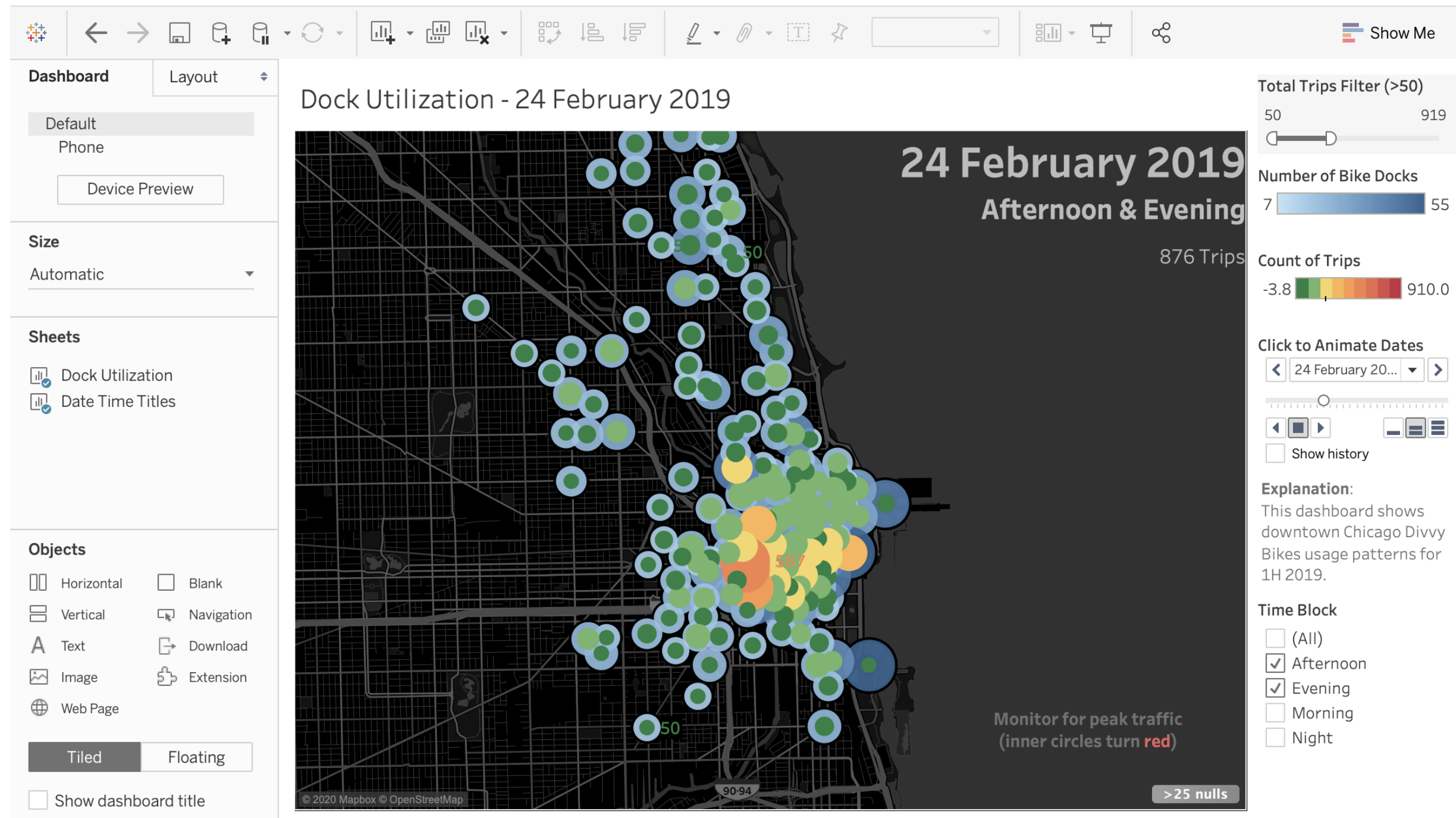
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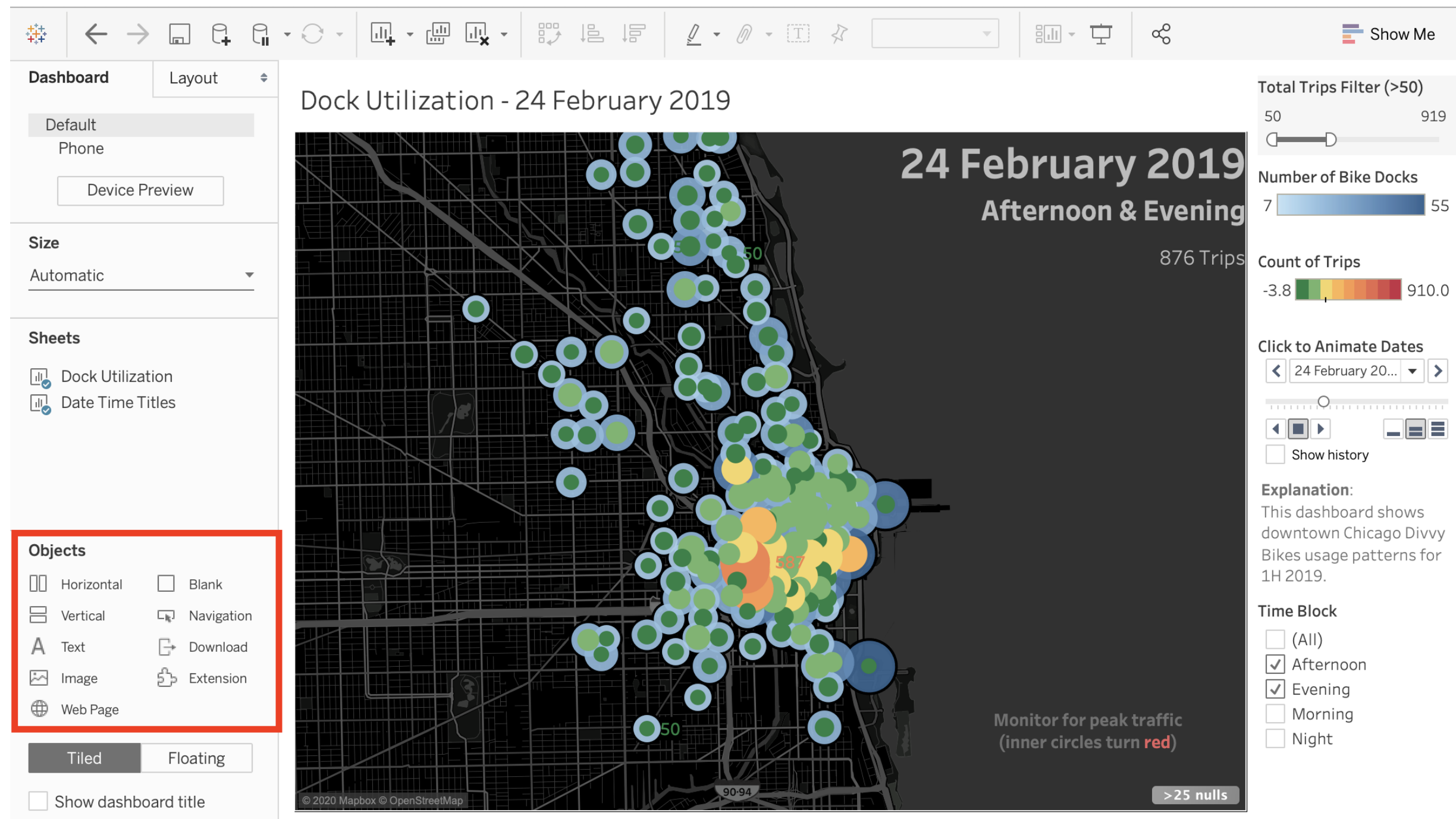
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Dashboard objects



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" and "Layout" tabs, with "Layout" selected. Under "Layout", there are options for "Default", "Phone", and "Device Preview". The "Size" section shows "Automatic" as the selected option. The "Sheets" section lists "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 utilization data. The right sidebar contains filters and controls: "Total Trips Filter (>50)" with a range from 50 to 919, "Number of Bike Docks" with a range from 7 to 55, "Count of Trips" with a range from -3.8 to 910.0, "Click to Animate Dates" with a date selector for "24 February 20...", "Show history" checkbox, "Explanation" text, "Time Block" checkboxes for (All), Afternoon, Evening, Morning, and Night, and a "Show dashboard title" checkbox.

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...

Explanation: This dashboard shows downtown Chicago Divvy Bikes usage patterns for 1H 2019.

Time Block:

- (All)
- ☒ Afternoon
- ☒ Evening
- ☐ Morning
- ☐ Night

Other controls:

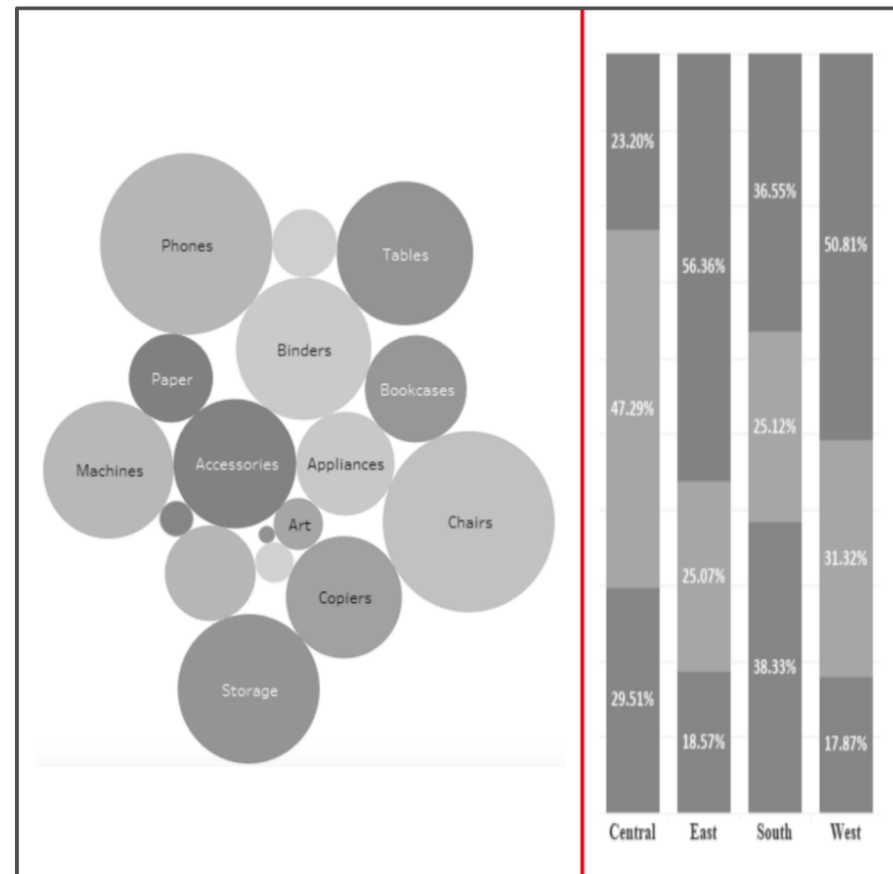
- Show dashboard title
- Show history

Containers

Group related dashboard items together

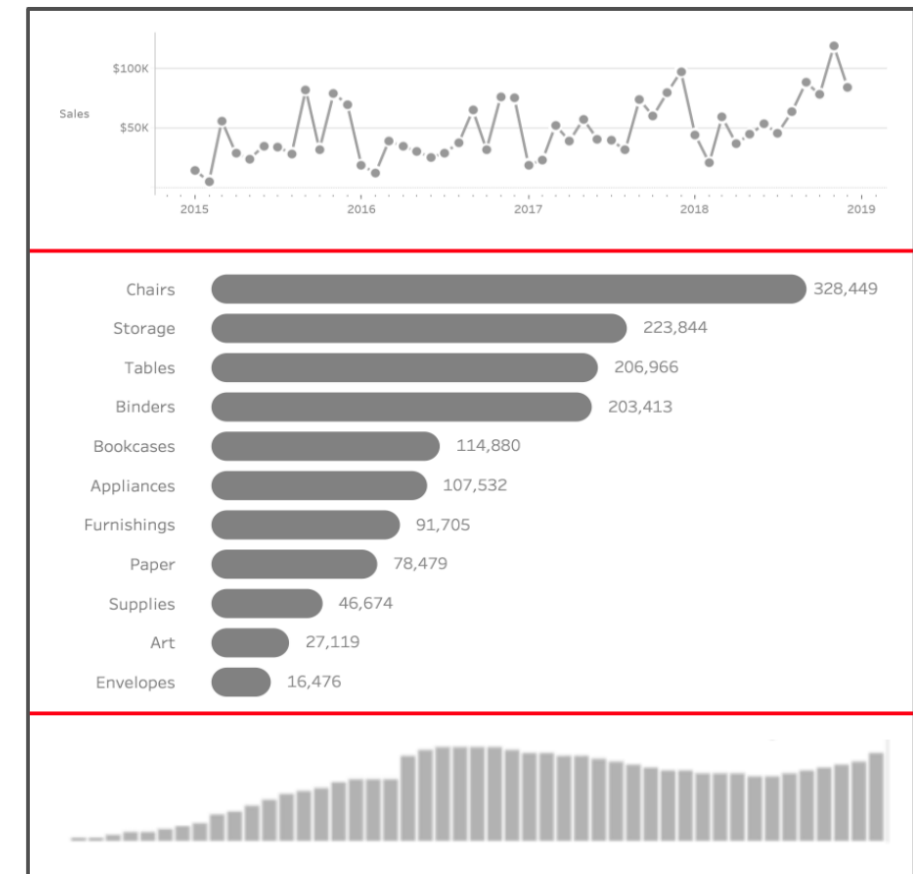
Horizontal container

- 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

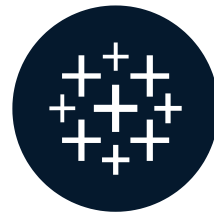


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Working with containers

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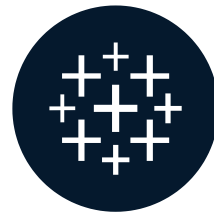
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Dashboard interactivity

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