

Creating dashboards

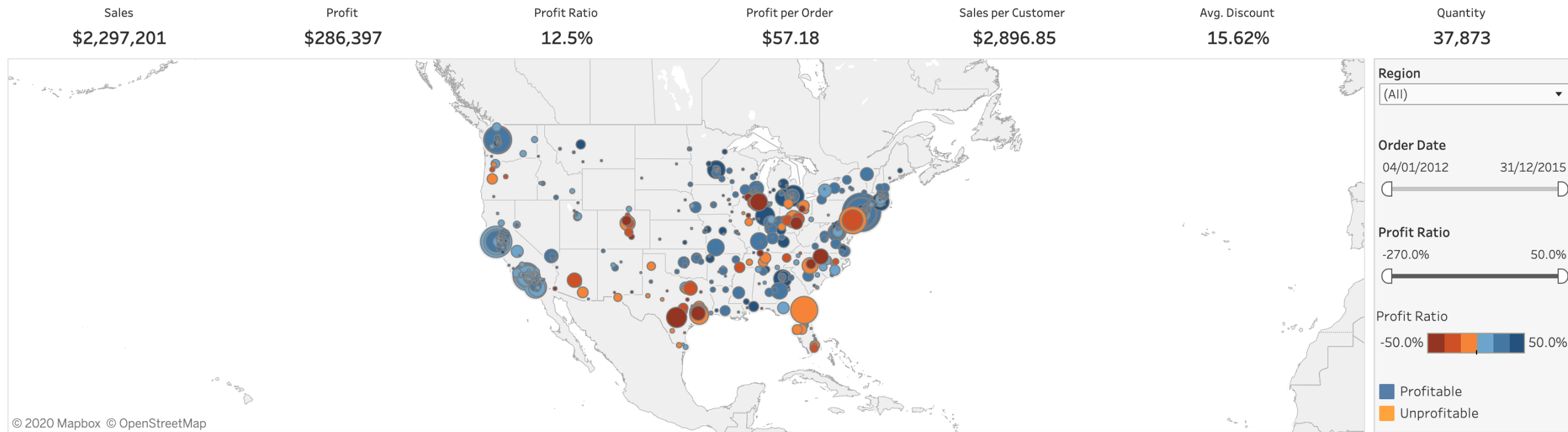
CREATING DASHBOARDS IN TABLEAU



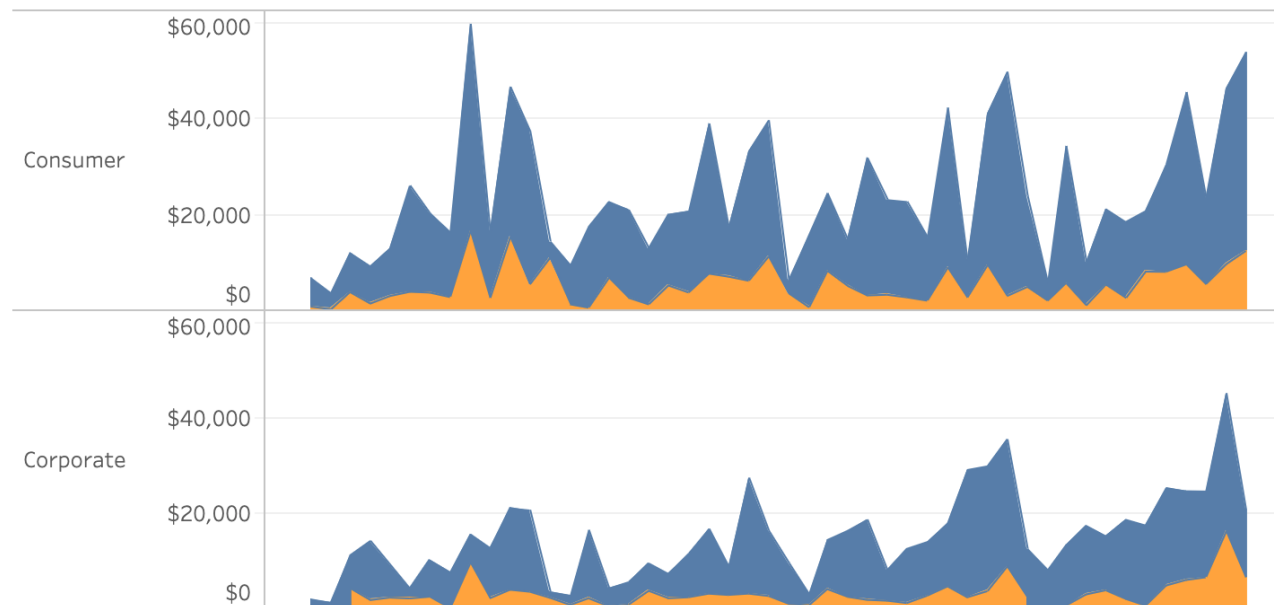
Sara Billen

Curriculum Manager, DataCamp

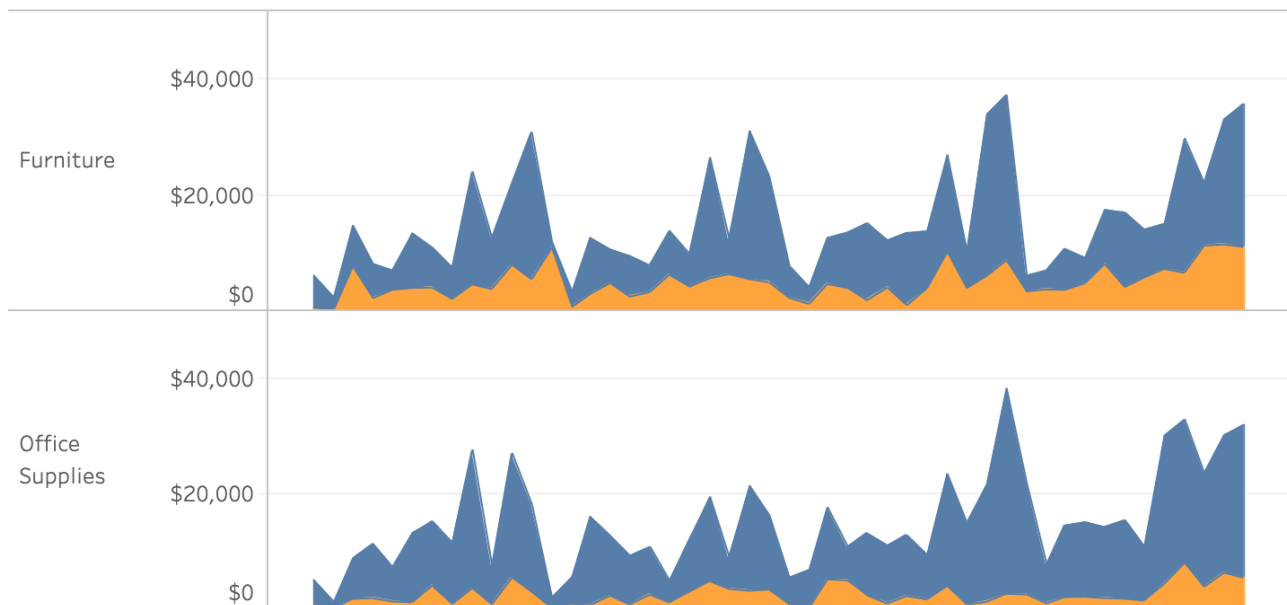
Executive Overview - Profitability (All)



Monthly Sales by Segment - States: All



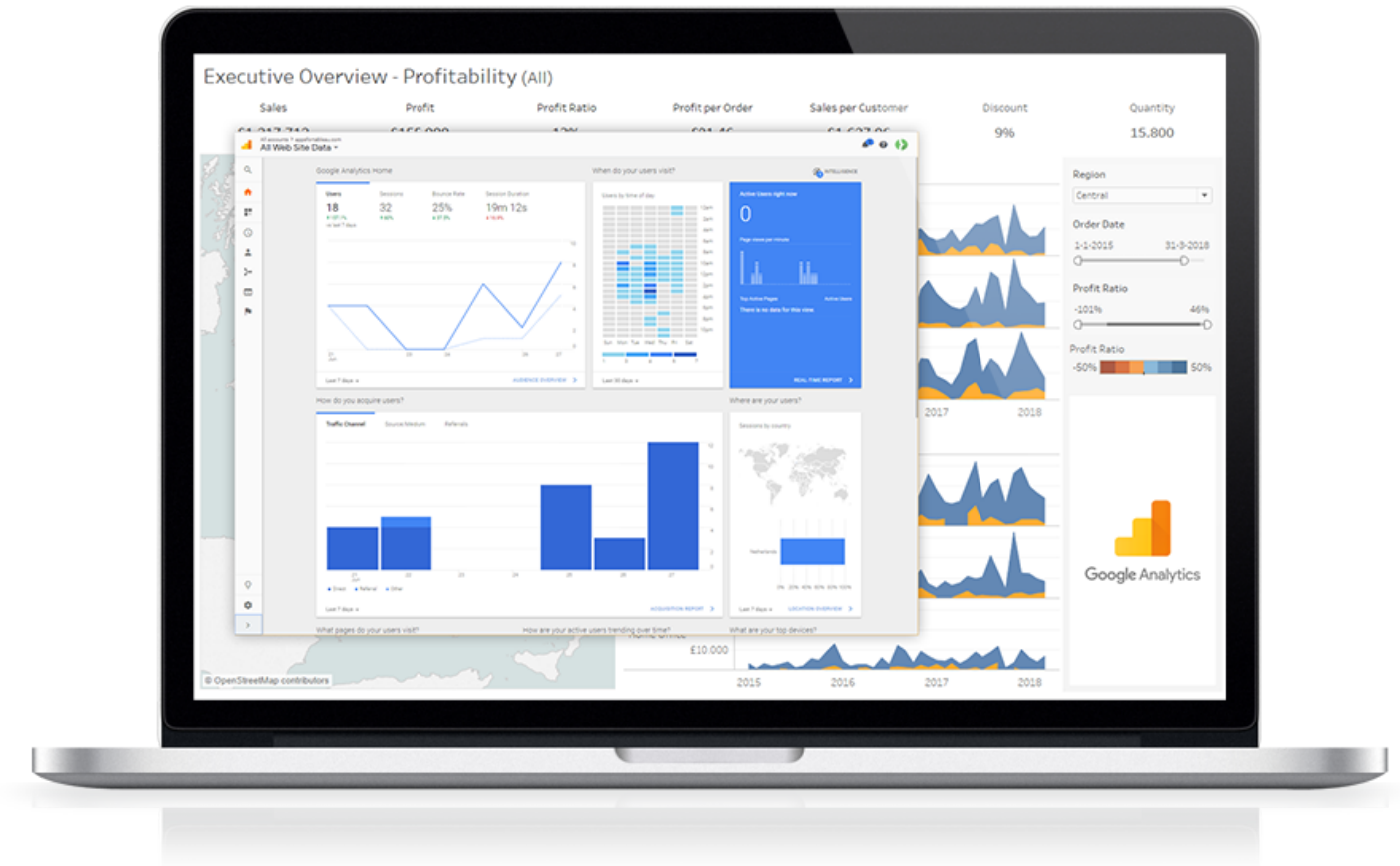
Monthly Sales by Product Category - States: All



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

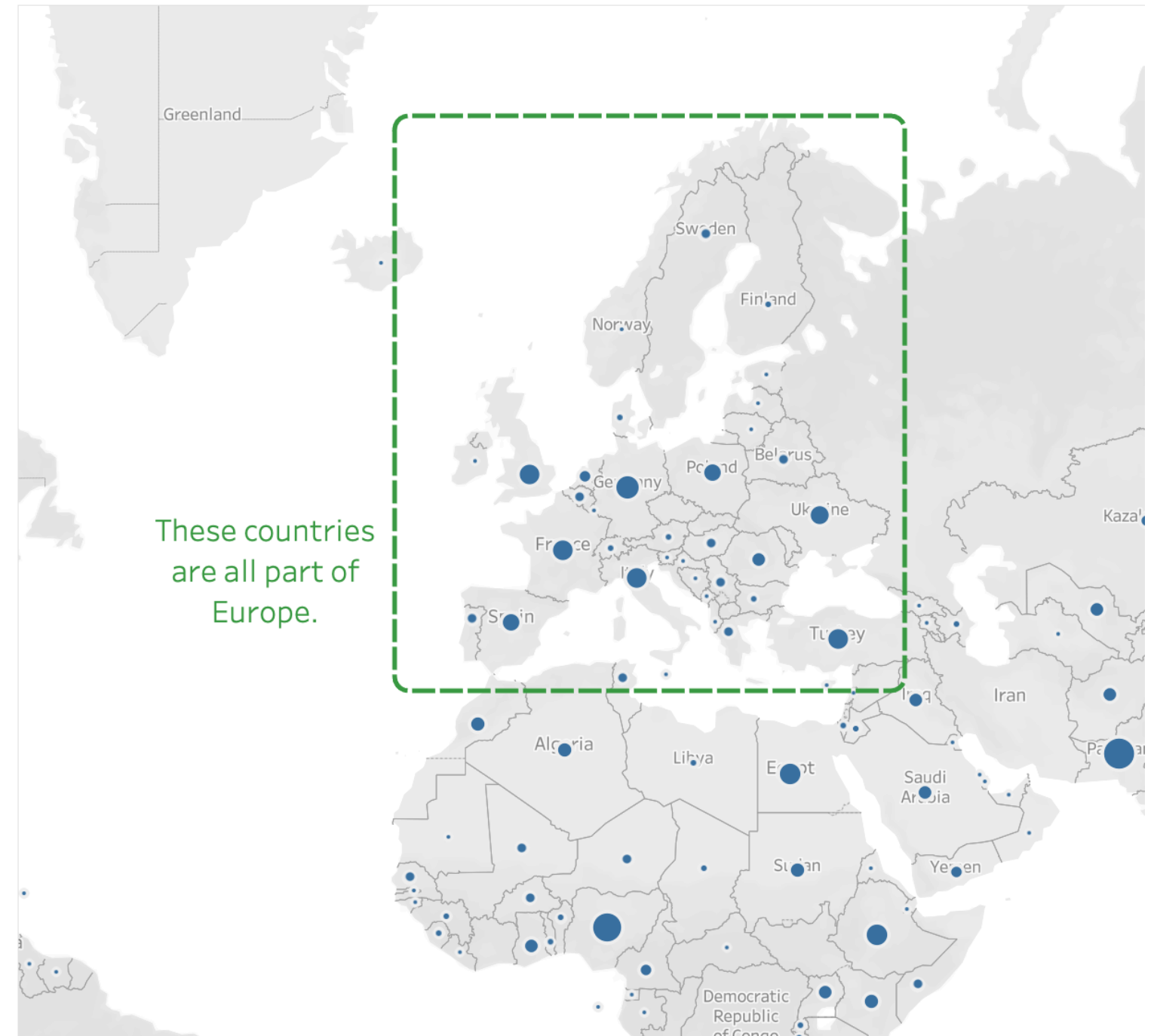
Dashboards

- 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:

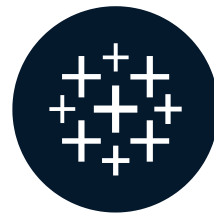
- Time block
- Seasons
- Weekday or weekend

Let's practice!

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Getting started

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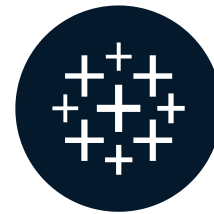
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Adding elements to the dashboard

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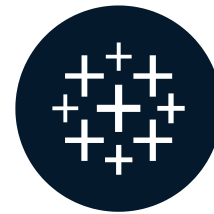
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Dashboard objects and actions

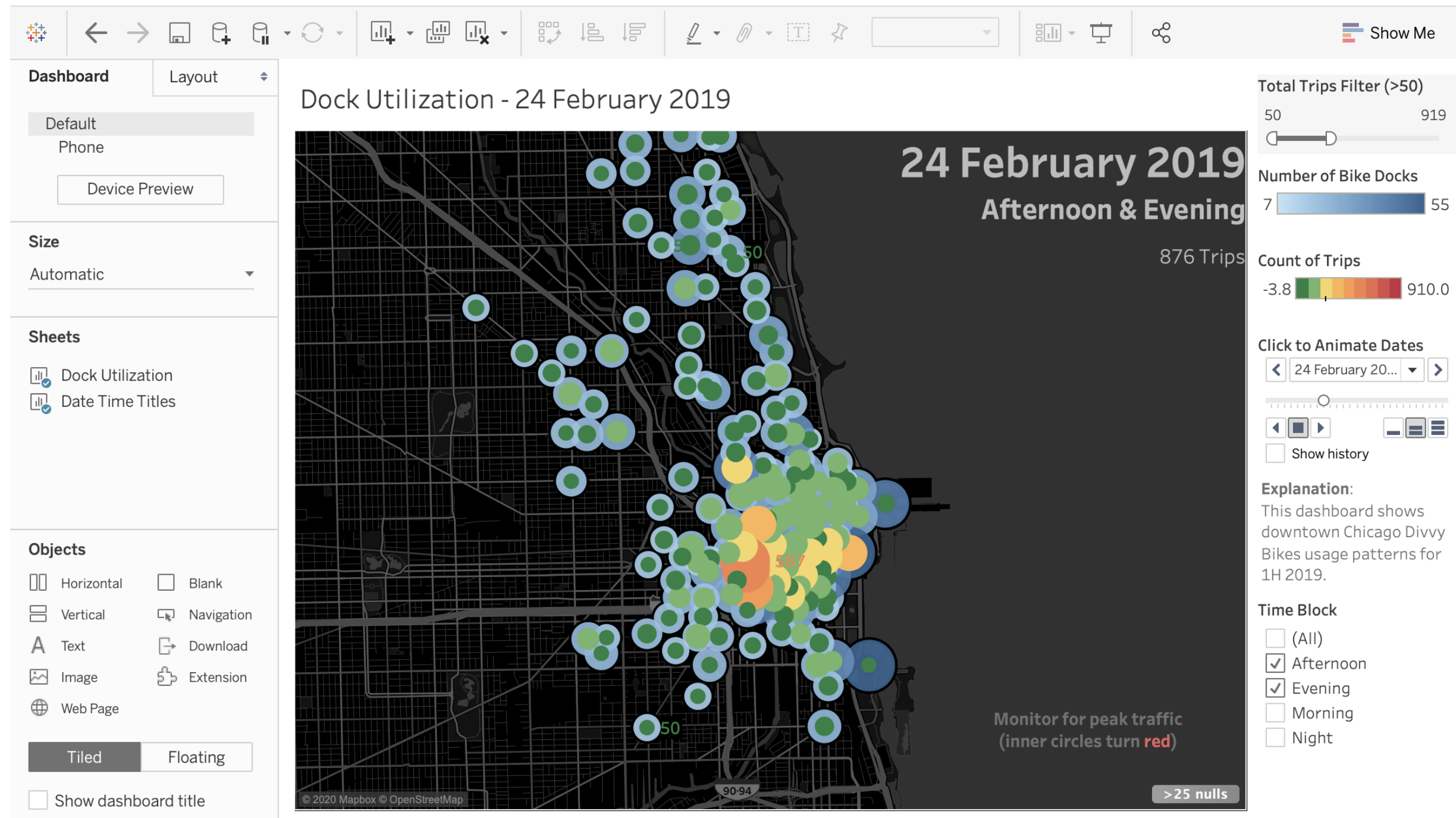
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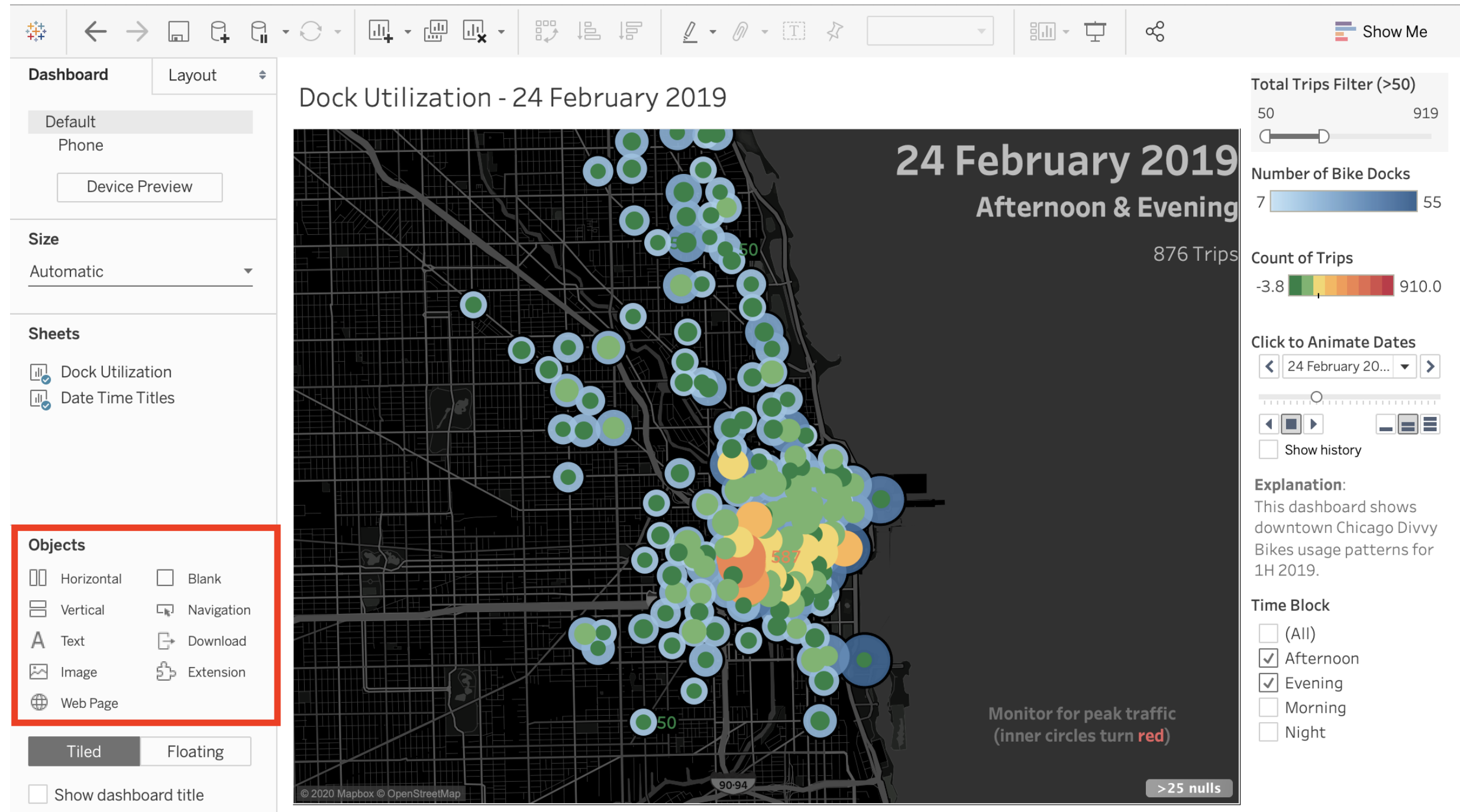
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Dashboard objects



Dashboard objects



Dashboard objects

The screenshot displays the Tableau interface for editing a dashboard. The main dashboard area is titled "Dock Utilization - 24 February 2019" and features a map of downtown Chicago. A red-bordered box highlights the "Objects" menu, which lists various dashboard components: Horizontal, Vertical, Text, Image, Web Page, Blank, Navigation, Download, and Extension. The left sidebar contains the "Dashboard" and "Layout" tabs, with the "Layout" tab selected. Below the "Layout" tab, there are sections for "Size" (Automatic), "Sheets" (Dock Utilization, Date Time Titles), and "Objects" (Horizontal, Vertical, Text, Image, Web Page, Blank, Navigation, Download, Extension). The right sidebar shows filters and settings, including "Total Trips Filter (>50)", "Number of Bike Docks", "Count of Trips", "Click to Animate Dates", "Show history", "Explanation", and "Time Block".

Dashboard Objects:

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

Dashboard Settings:

- Dashboard: Default, Phone, Device Preview
- Size: Automatic
- Sheets: Dock Utilization, Date Time Titles
- Layout: Tiled, Floating
- Show dashboard title: ☐

Dashboard Content:

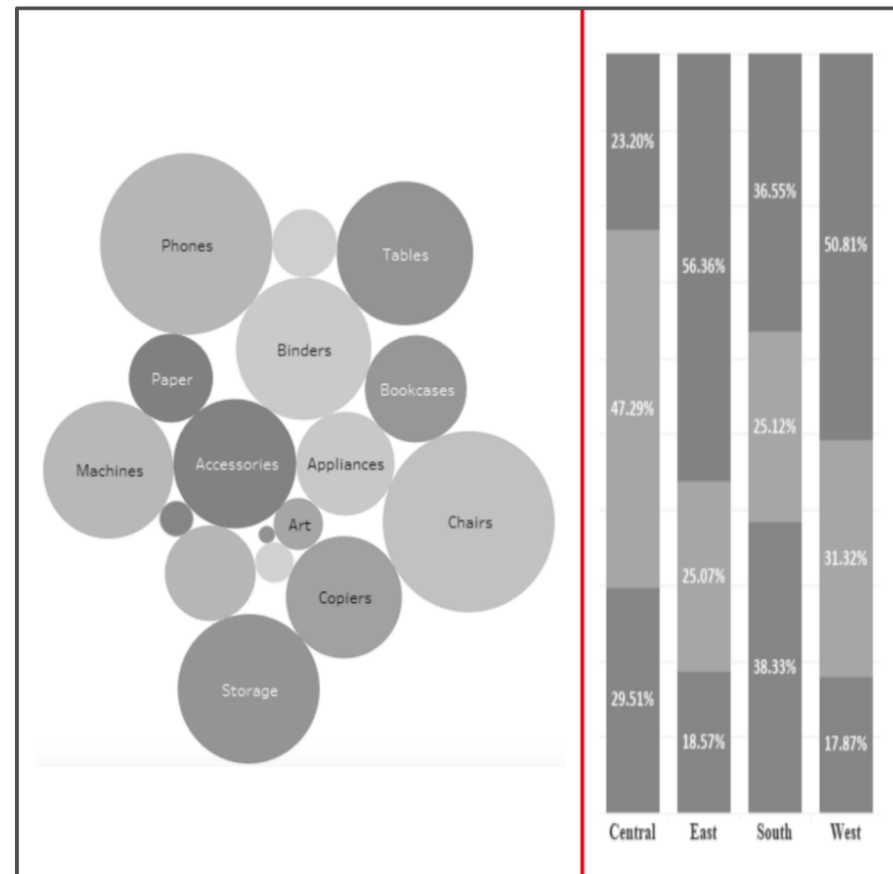
- Total Trips Filter (>50): 50 to 919
- Number of Bike Docks: 7 to 55
- Count of Trips: -3.8 to 910.0
- Click to Animate Dates: 24 February 20...
- Show history: ☐
- Explanation: This dashboard shows downtown Chicago Divvy Bikes usage patterns for 1H 2019.
- Time Block: (All), Afternoon, Evening, Morning,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

Containers

Group related dashboard items together

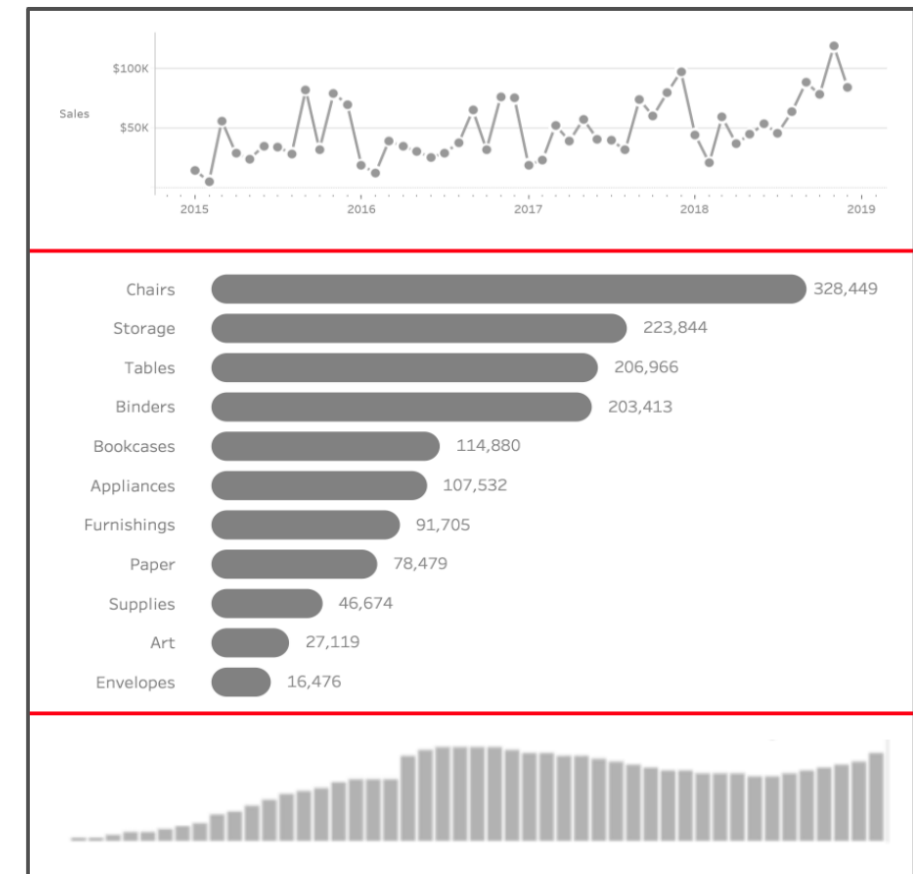
Horizontal container

- 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

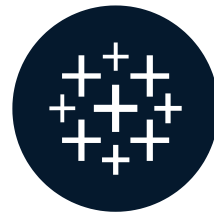


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Working with containers

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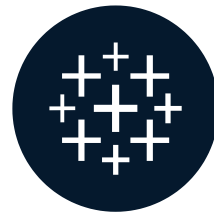
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Dashboard interactivity

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