

Sharing data insights

CREATING DASHBOARDS IN TABLEAU



Hadrien Lacroix

Curriculum Manager at DataCamp

Communicating insights visually

Visualizations give you answers to questions you didn't know you had.

- Business context
- Diligence
- Patience

¹ Ben Schneiderman, <https://www.cs.umd.edu/users/ben/>

Story Points

- Present the data story
- Connected to live data
- Questions can be addressed
- Communication delay reduced
- Reducing time to insight

Structuring the presentation

1. Question



Divvy - The Tale of Two Customers

What We're Working With!

Divvy Rider Activity

Divvy "Customer" Activity

Divvy "Subscriber" Activity



Structuring the presentation

1. Question
2. Context and qualifiers, assumptions and limitations

[Divvy - The Tale of Two Customers](#)[What We're Working With!](#)[Divvy Rider Activity](#)[Divvy "Customer" Activity](#)[Divvy "Subscriber" Activity](#)

Explore Chicago on two wheels

[How It Works](#)[Pricing](#)[System Map](#)[Explore Chicago](#)

Divvy Data

Historical trip data available to the public

Here you'll find Divvy's trip data for public use. So whether you're a policy maker, transportation professional, web developer, designer, or just plain curious, feel free to download it, map it, animate it, or bring it to life!

Note that we'll be releasing trip data twice a year: once following the end of calendar Q2 and once following the end of calendar Q4. This data is provided according to the [Divvy Data License Agreement](#).

The Data

Each trip is anonymized and includes:

- Trip start day and time
- Trip end day and time
- Trip start station
- Trip end station
- Rider type (Member, Single Ride, and Day Pass)
- If a Member trip, it will also include Member's self-reported gender and year of birth

The data has been processed to remove trips that are taken by staff as they service and inspect the system; and any trips that were below 60 seconds in length (potentially false starts or users trying to re-dock a bike to ensure it was secure).

Structuring the presentation

1. Question
2. Context and qualifiers, assumptions and limitations
3. Insights
4. Observations and conclusions
5. Recommendations

Story Points tools

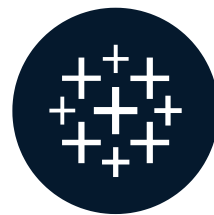
- Formatting
- Local annotations
- Other tools

Let's practice!

CREATING DASHBOARDS IN TABLEAU

Creating and formatting Story Points

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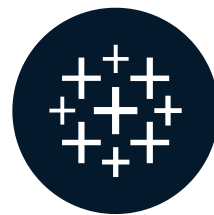
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Let's practice!

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Advanced manipulations with Story Points

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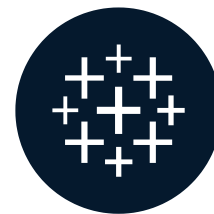
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Let's practice!

CREATING DASHBOARDS IN TABLEAU

Sharing dashboards - mobile and exports

CREATING DASHBOARDS IN TABLEAU



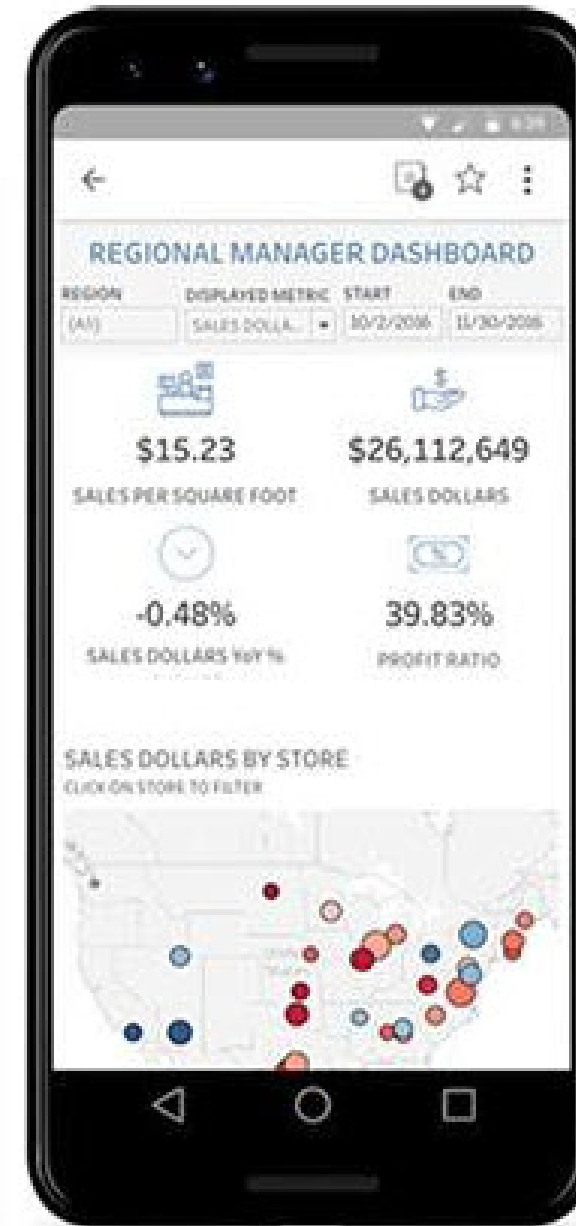
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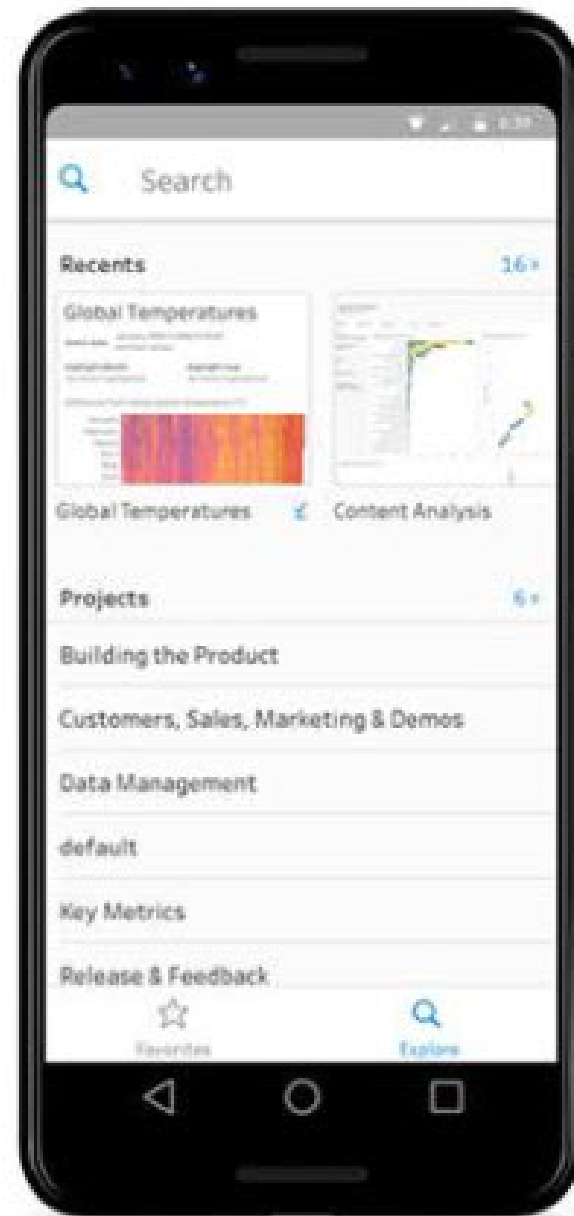
Desktop Layout

Desktop layouts can be small and hard to read on a mobile device

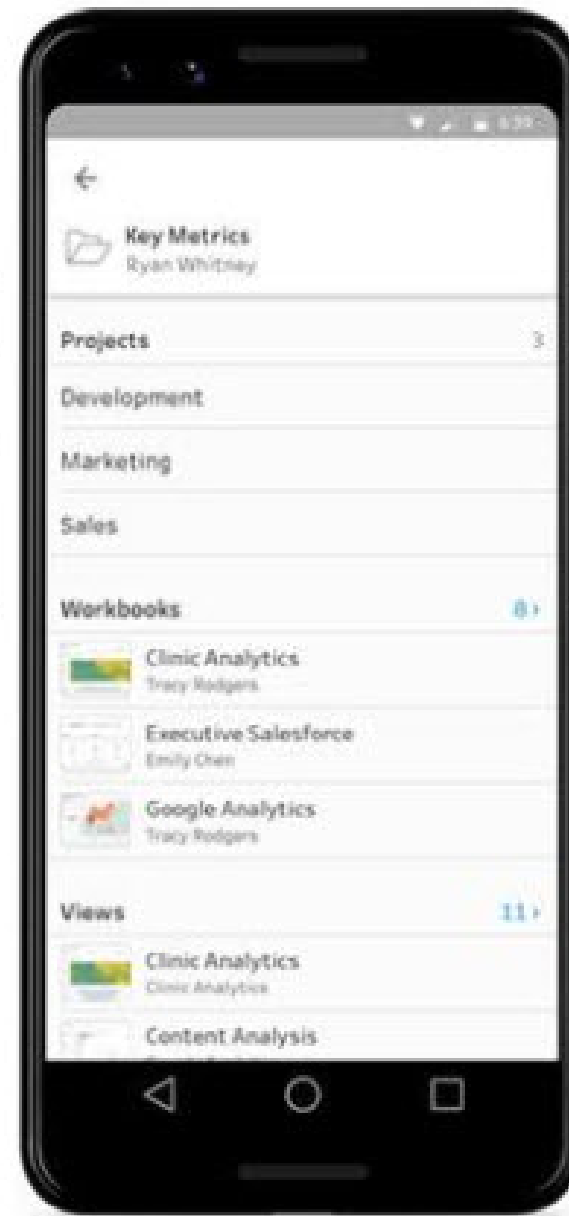


Phone Layout (same dashboard)

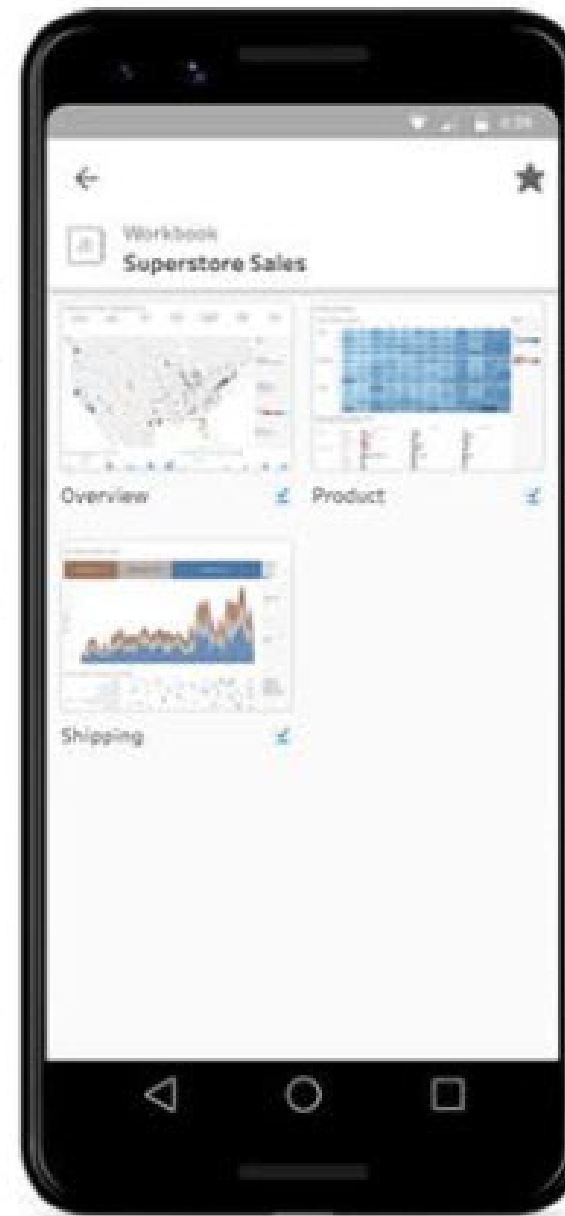
Phone layouts use the full width of the screen and are easier to read



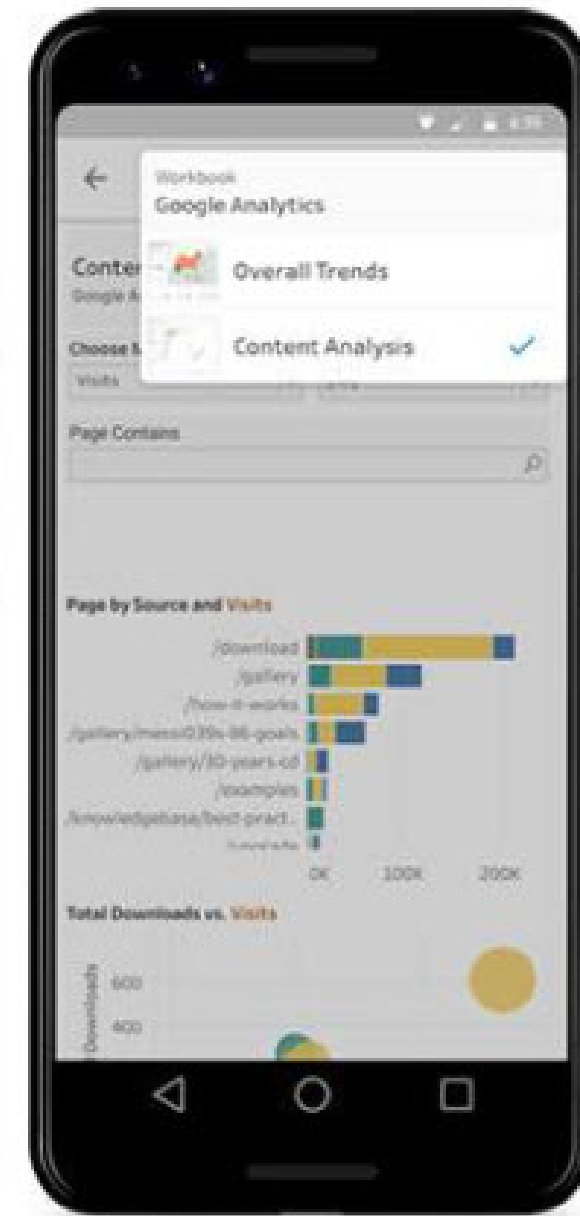
Explore
Browse and search
site content



Project
See the contents of a
Project at a glance



Workbook
Fast access to all
Views in a Workbook



Dashboard
Easily navigate
between Views

Exporting

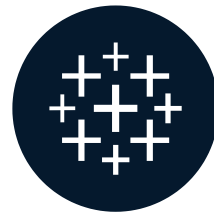
- PNG
- Bitmap
- JPG
- Power Point
- PDF
- Private server
- Public server

Let's practice!

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Customizing for mobile users

CREATING DASHBOARDS IN TABLEAU



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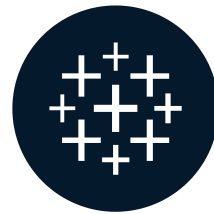
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Mobile navigation and export options

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