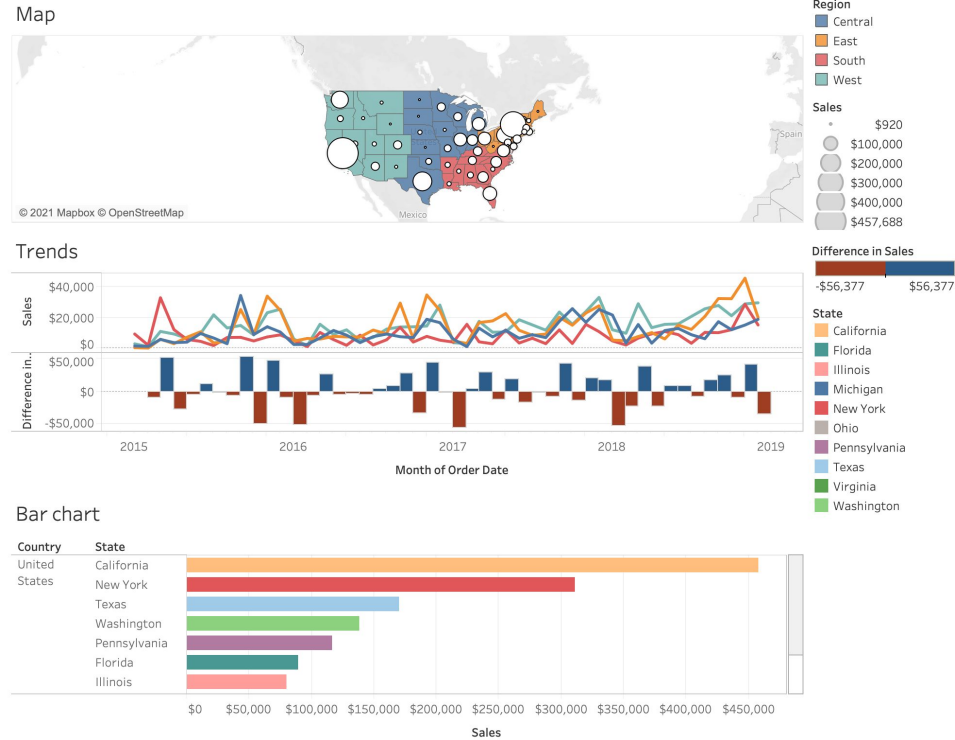


An Introduction to Dashboards and Distribution.

Sleeper Ch. 17



A **dashboard** is a collection of several views, letting you compare a variety of data simultaneously.

<https://learning.oreilly.com/library/view/practical-tableau/9781491977309/ch17.html>

Workbook Sheets

A Map

- Columns: Longitude
- Rows: Latitude
- Color mark card: Region
- Detail mark card: State
- Mark type: Map

A Bar Chart

- Columns: Sum(Sales)
- Rows: State
- Color mark card: State

Workbook Sheets II

Month-Over-Month Difference

- Columns: `Month(Order Date)`
- Rows: `Sum(Sales)`, `Sum(Sales) Δ`

To change from **Sum(Sales)** to **Sum(Sales) Δ**, right click on a **Sum(Sales)** pill, then select **Quick Table Calculation > Difference**

Mark Cards for `Sum(Sales) Δ`:

- Color marks card: `Sum(Sales) Δ`
- Mark type: Bar

Dashboard Design: Size and Layout

Tiled (Default)

Easy to create.

Works slower.

Less control over size, alignment and order.

Tiled objects are part of a single-layer grid.

Tiled objects don't overlap.

Floating

Takes longer to create.

Works faster.

Size and align content with precision.

Control the order of each element.

Gives the ability to overlay graphics.

Dashboard Layouts for Different Device Types

Dashboards can include layouts **for different types of devices** that span a wide range of screen sizes. When you publish these layouts to Tableau Server or Tableau Online, people viewing your dashboard experience a design optimized **for their phone, tablet, or desktop**. As the author, you only have to create a single dashboard and deliver a single URL.

Think of the Default dashboard as the parent, and the device layouts (desktop, tablet, and phone) **as its children**. Any view, filter, action, legend or parameter that you want to add to a device layout must first exist in the Default dashboard.

Dashboard > Device Layouts > Add Desktop / Add Tablet / Add Phone

https://help.tableau.com/current/pro/desktop/en-us/dashboards_dsd_create.htm

Tableau Public

<https://public.tableau.com>

Tableau Public is a free service for publishing views that you can share publicly.

To publish a dashboard from Tableau Desktop to Tableau Public:

- **Server > Tableau Public > Save to Tableau Public As.**

You might receive an error 'The Tableau server you are publishing to does not permit external database connections.' To resolve, switch to your data view, check **Extract** radio button and **Save** your workbook to create the extract.

Distribution Cont.

Tableau Online

Hardware and systems **maintained by Tableau.**

You can purchase and maintain multiple sites, **configure users and permissions.**

Tableau Server

You install the software and maintain the systems on your own hardware.

You can create and maintain multiple sites at no additional cost, **configure users and permissions.**

Additional Resources

Tableau Dashboards help:

<https://help.tableau.com/current/pro/desktop/en-us/dashboards.htm>

Create Dashboard Layouts for Different Device Types:

https://help.tableau.com/current/pro/desktop/en-us/dashboards_dsd_create.htm

Size and Lay Out Your Dashboard:

https://help.tableau.com/current/pro/desktop/en-us/dashboards_organize_floating_andtiled.htm

Assign geographic roles to a field so you can use it to create a map:

https://help.tableau.com/current/pro/desktop/en-us/maps_geographicroles.htm