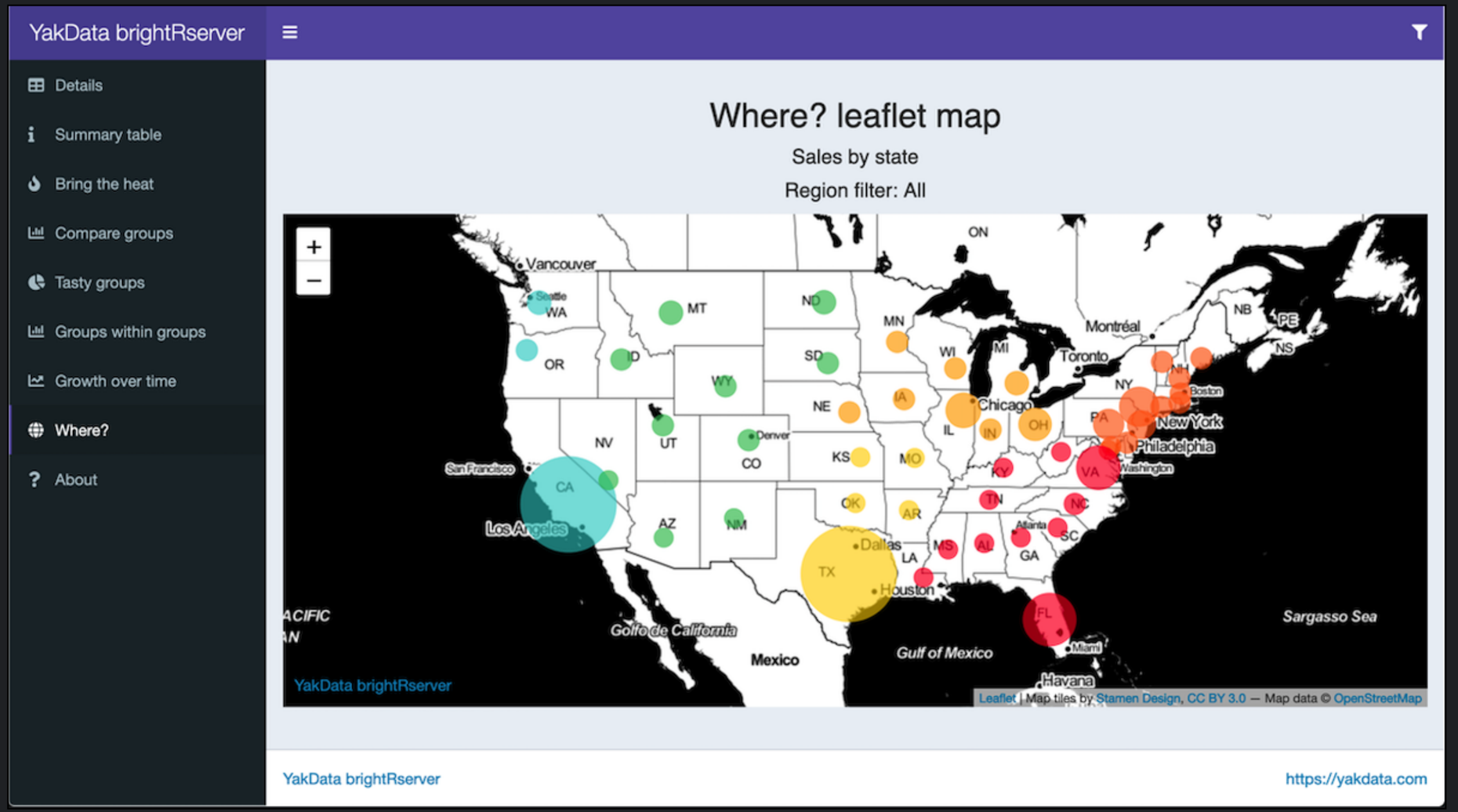
Choose a dashboard framework for your R shiny app



Stephen McDaniel
Co-Founder and
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@brightRstephen
mcdanielstephen

Why these frameworks?

- ✦ Many package options for pro-quality dashboards with your R shiny app
- ✦ Systematic review of our client work and exciting new options
- ✦ My top three picks for building pro-quality R shiny app dashboards
- ✦ Five more excellent choices, depending on your project and organization standards

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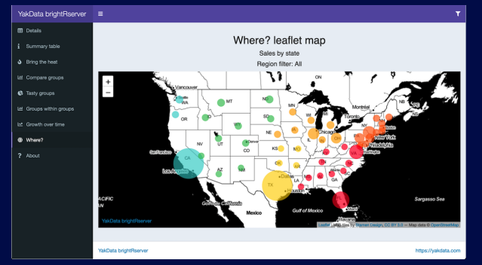

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For each framework

- ✦ An example screenshot of the framework in use
- ✦ Background on the framework
- ✦ The ranking of downloads
- ✦ How long each package has been under development
- ✦ Where you can find the development page
- ✦ Whether the framework is responsive
- ✦ Complexity of using the framework with your R shiny app

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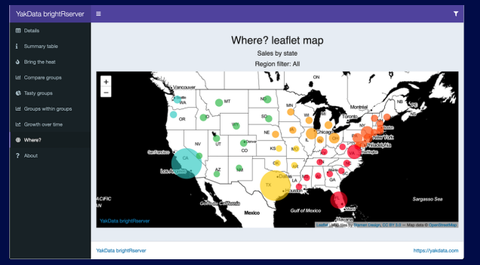

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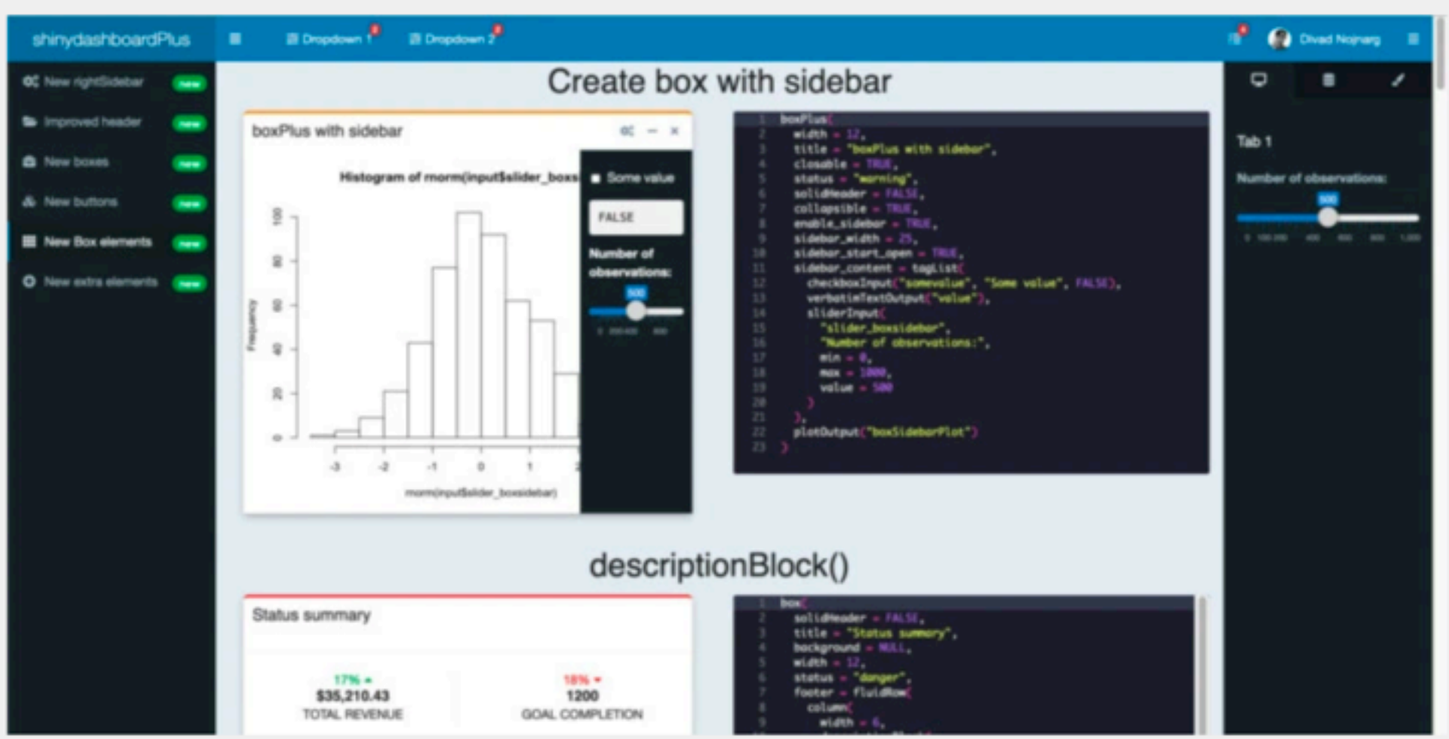
Chapter 2 – Choose a dashboard framework for your R shiny app

#1 shinydashboardPlus



A shinydashboardPlus example, click this image to try a live example on YakData brightRserver

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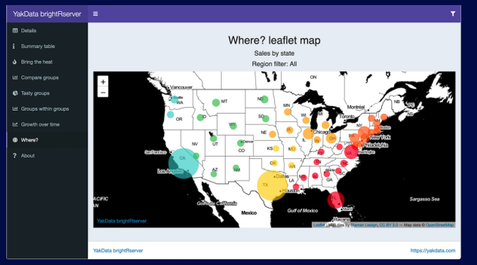

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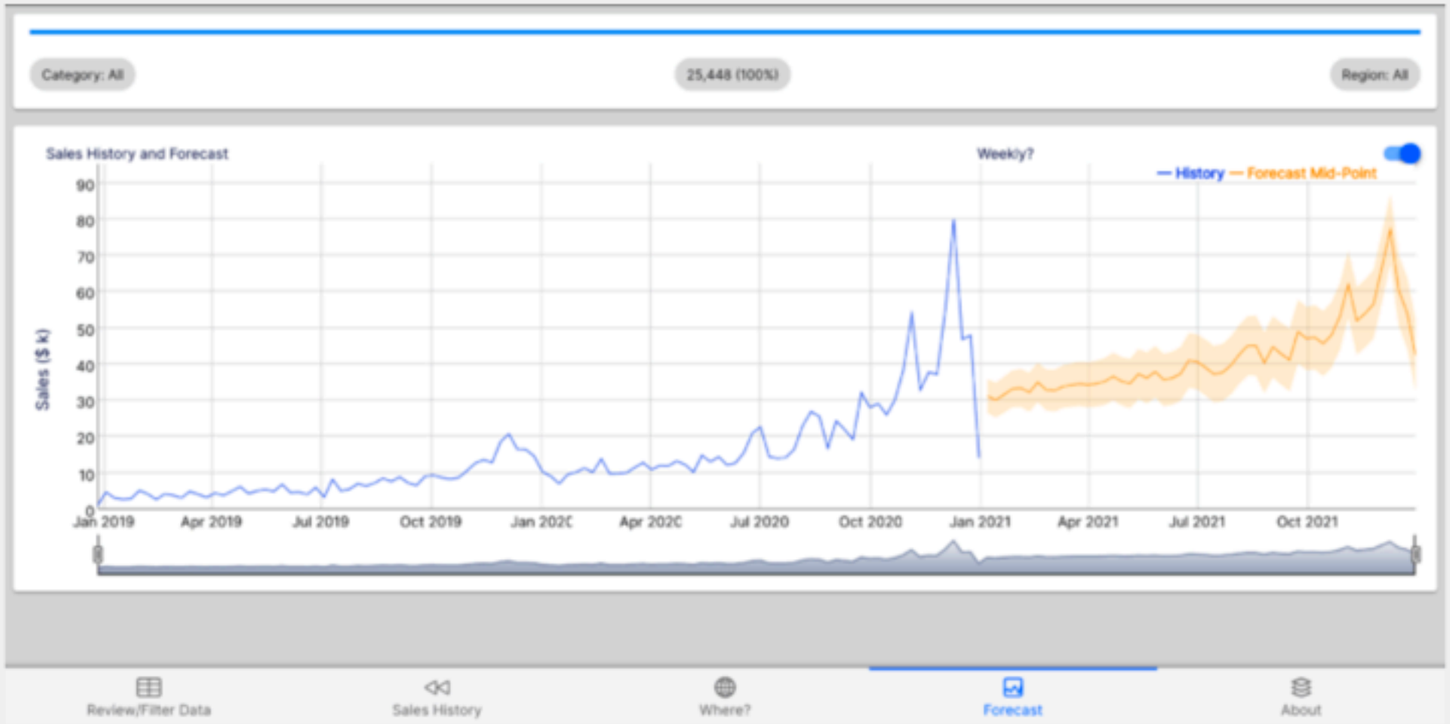
#2 shinyMobile



A shinyMobile example, click this image to try a live example on YakData brightRserver

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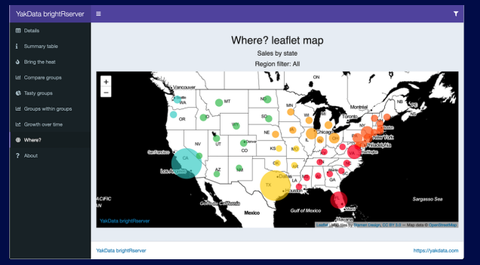

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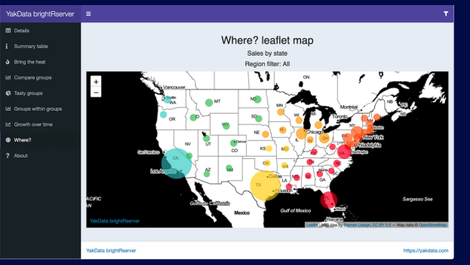

#3 flexdashboard

YakData brightRserver Plan Selector | Planner | Results

Your project details

1. Web app users

Number of web app users

1po

2. Peak server usage

% of users on server at peak hour each month

50

3. Web apps memory needs

# of light apps (~150 k rows data, < 500 MB memory)

0

# of small apps (~600 k rows data, 500 MB - 1 GB)

1

# of medium apps (~2.5 M rows data, 1 - 3 GB)

0

0 Platinum Servers Needed

1 Gold Servers Needed

0 Silver Servers Needed

0 Bronze Servers Needed

Recommended Subscription Details

Details	Platinum	Gold	Silver	Bronze
Number of Subscriptions	0	1	0	0
CPU Cores	7	5	3.2	1.2
Memory (GB)	22	11	5.2	2.4
HD (GB)	250	100	40	20

A flexdashboard example, click this image to try a live example on YakData brightRserver

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Five more great frameworks and extensions to frameworks

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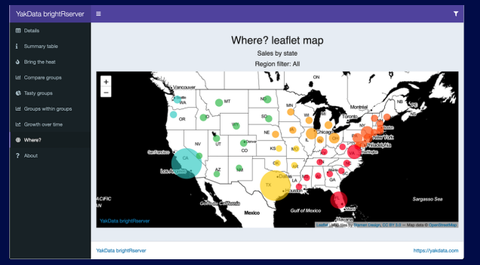

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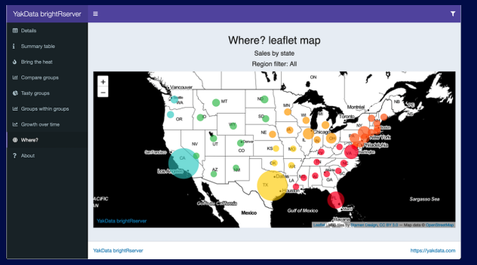

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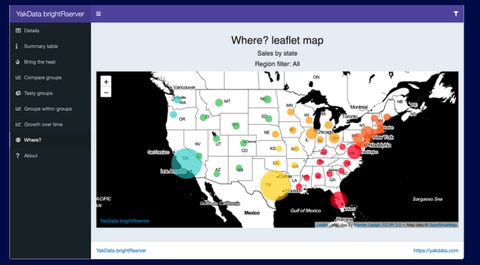

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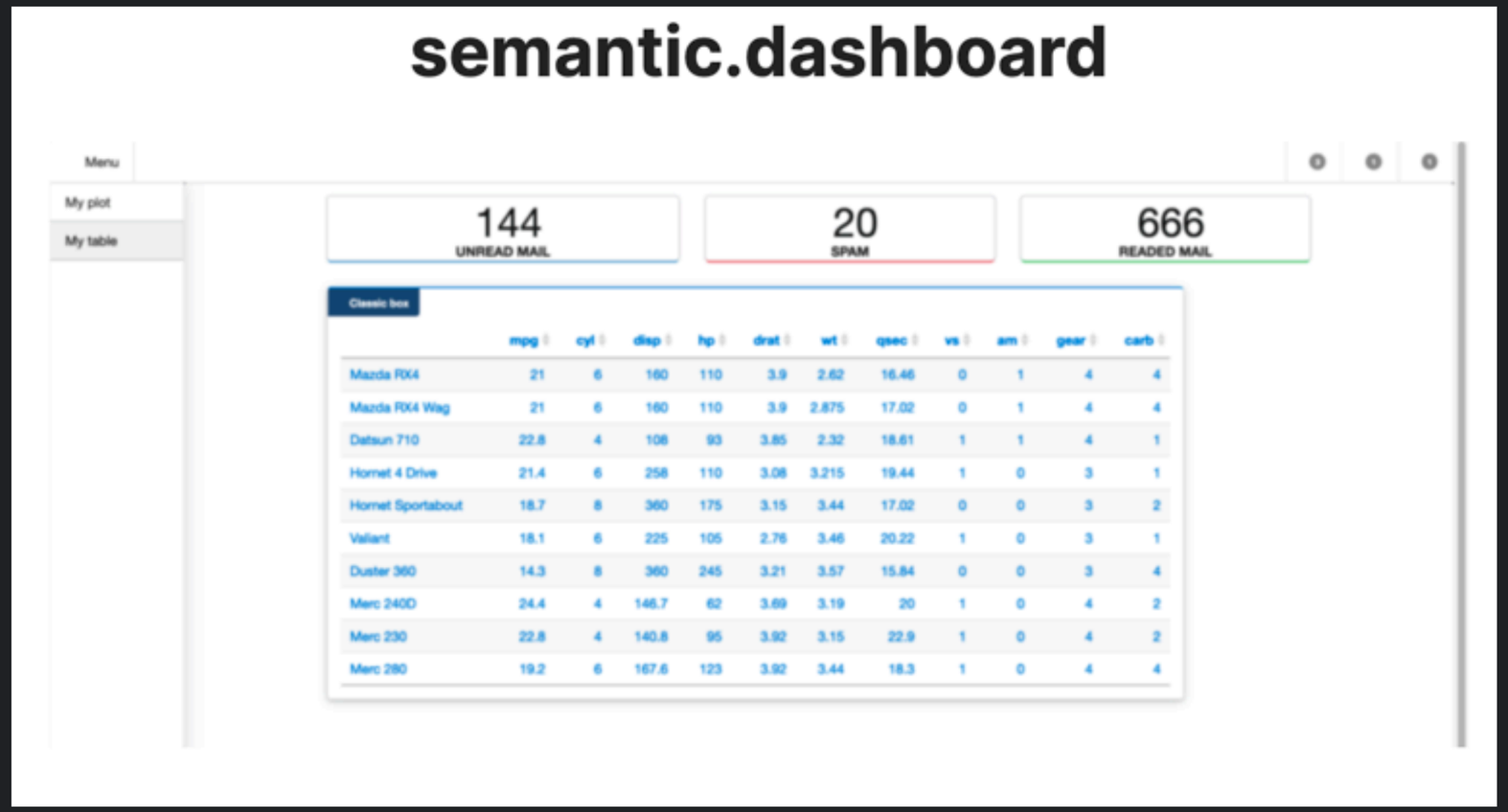

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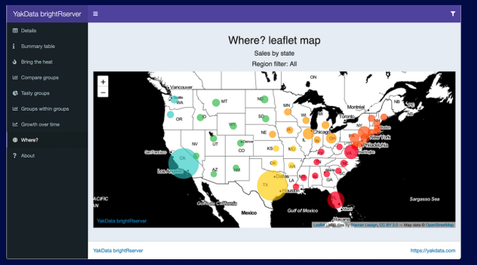

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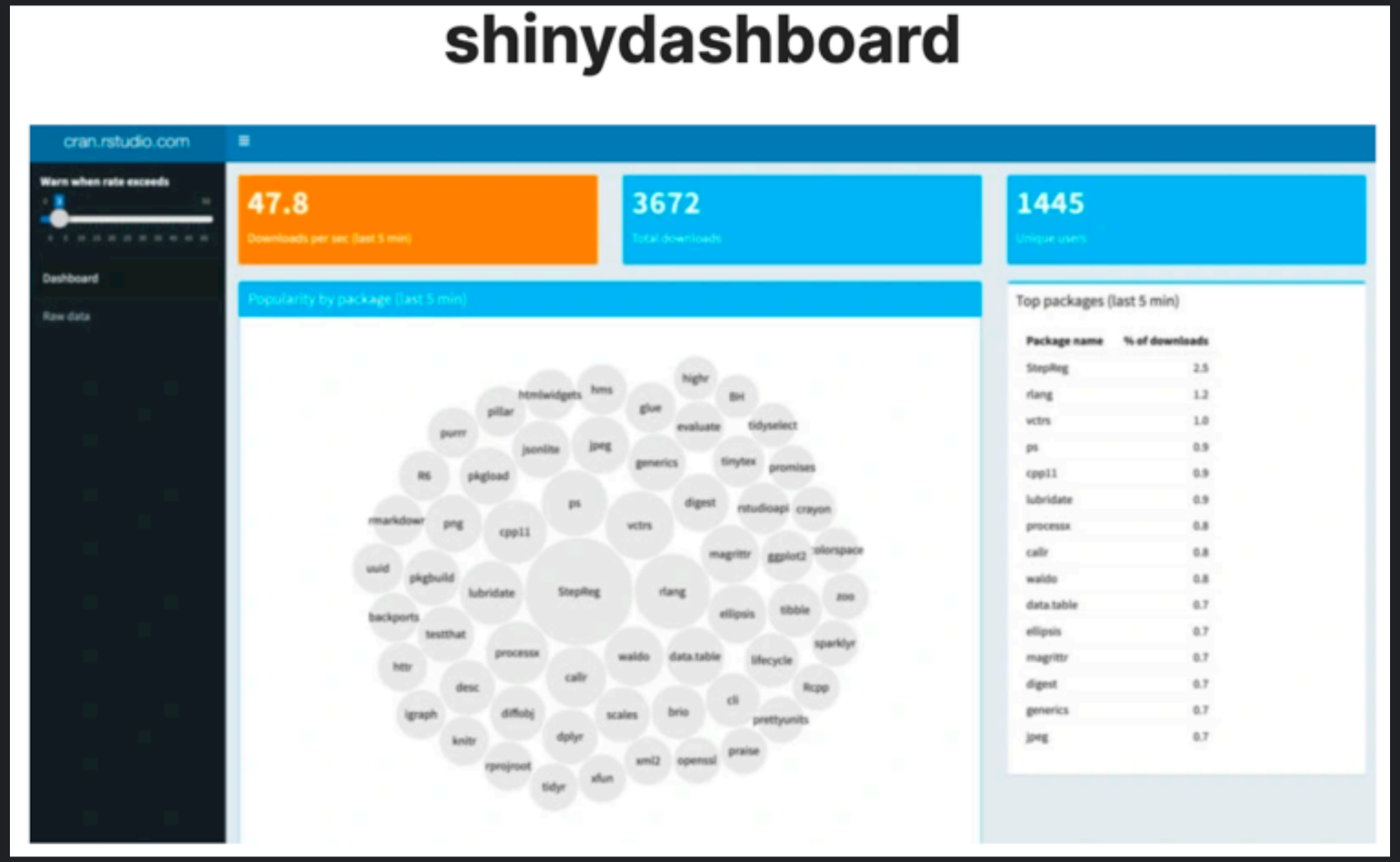

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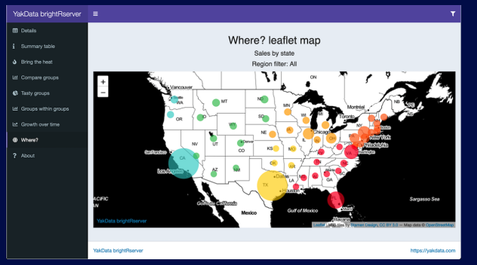

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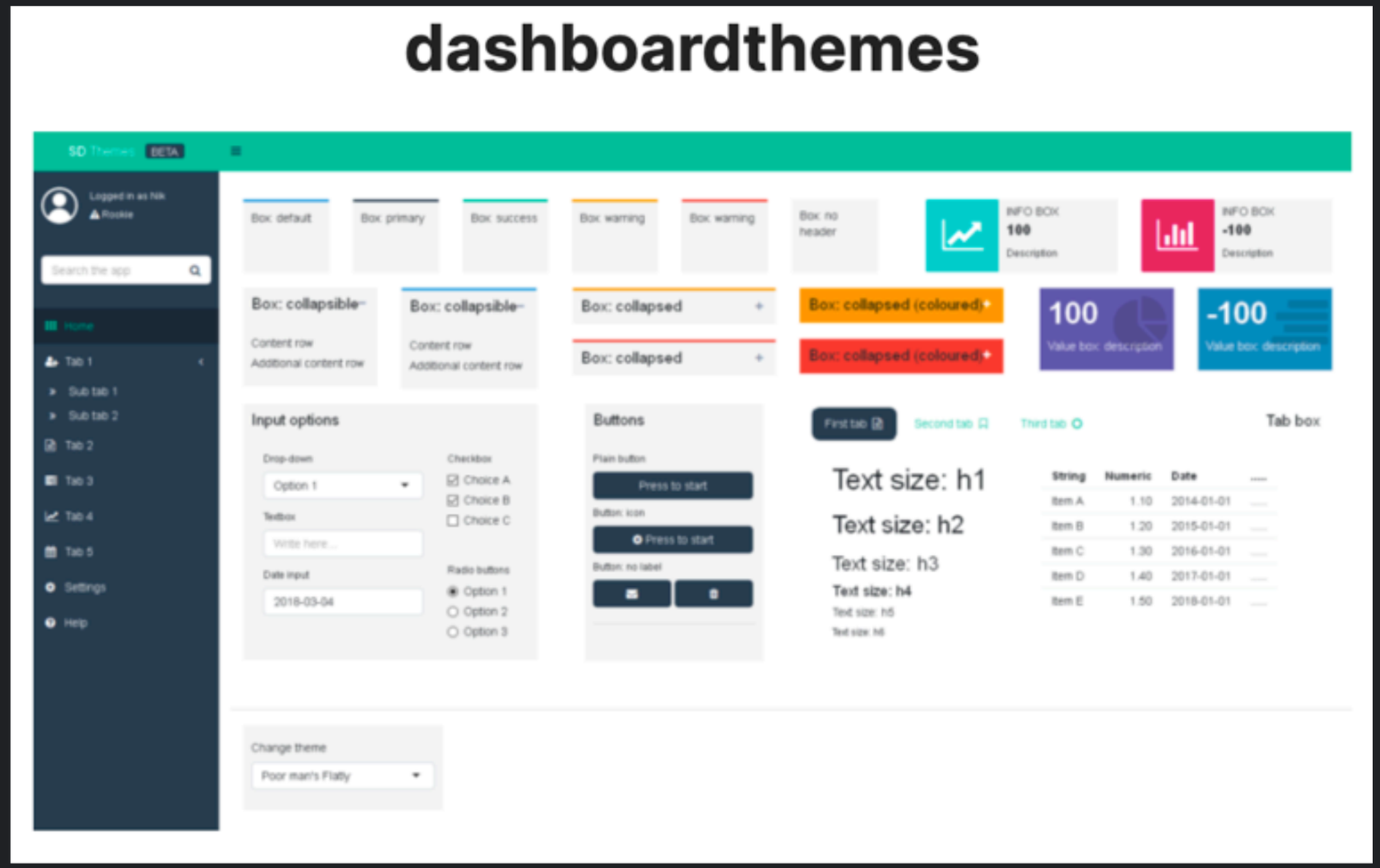

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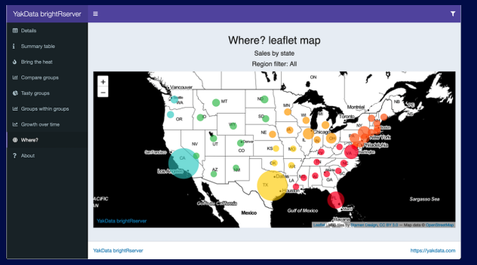

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- ✦ Thanks for joining me!

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Note

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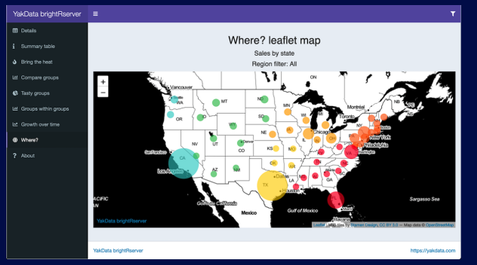

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