flexdashboard

(https://pkgs.rstudio.com/flexdashboard)
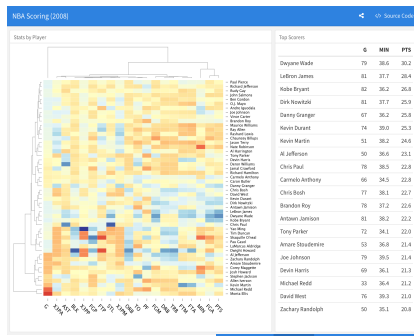
The goal of **flexdashboard** is to make it easy to create interactive dashboards for R, using R Markdown.

- Use R Markdown (https://rmarkdown.rstudio.com) to publish a group of related data visualizations as a dashboard.

- Support for a wide variety of components including htmlwidgets (https://www.htmlwidgets.org); base, lattice, and grid graphics; tabular data; gauges and value boxes; and text annotations.

- Flexible and easy to specify row and column-based layouts (https://pkgs.rstudio.com/flexdashboard/articles/layouts.html). Components are intelligently re-sized to fill the browser and adapted for display on mobile devices.

- Storyboard (https://pkgs.rstudio.com/flexdashboard/articles/using.html#storyboards-1) layouts for presenting sequences of visualizations and related commentary.

- Optionally use Shiny (https://shiny.rstudio.com) to drive visualizations dynamically.

- Optionally use bslib (https://rstudio.github.io/bslib/) to easily customize main colors, fonts, and more (https://pkgs.rstudio.com/flexdashboard/articles/theme.html).
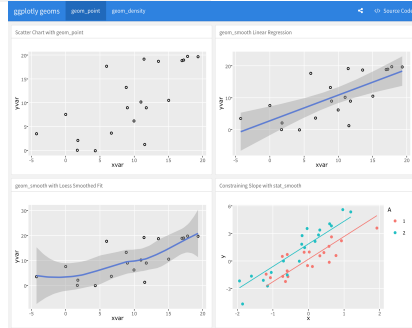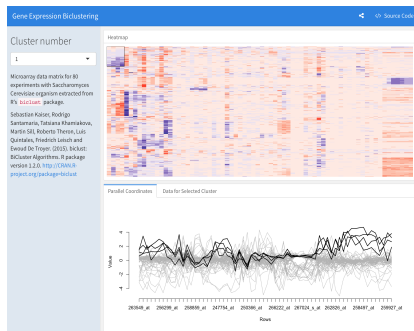
Learn more about **flexdashboard**: https://pkgs.rstudio.com/flexdashboard (https://pkgs.rstudio.com/flexdashboard)

Examples

 (https://beta.rstudioconnect.com/jjallaire/htmlwidgets-d3heatmap/)

 (https://beta.rstudioconnect.com/jjallaire/htmlwidgets-ggplotly-geoms/)

 (https://jjallaire.shinyapps.io/shiny-biclust/)

View more examples here (https://pkgs.rstudio.com/flexdashboard/articles/examples.html).

Installation

Install the **flexdashboard** package from CRAN as follows:

```
install.packages("flexdashboard")
```

If you want to use the development version of the **flexdashboard** package, you can install the package from GitHub via the remotes package (https://remotes.r-lib.org):

```
remotes::install_github('rstudio/flexdashboard')
```

Usage

To author a **flexdashboard** you create an R Markdown (https://rmarkdown.rstudio.com) document with the `flexdashboard::flex_dashboard` output format. You can do this from within RStudio using the **New R Markdown** dialog:

New R Markdown

Document	**Template:** ⑦ Using R Markdown Templates
Presentation	Distill Article {distill}
Shiny	**Flex Dashboard** {flexdashboard}
From Template	Flex Dashboard themed with {bslib} {flexdashboard}
	Interactive Tutorial {learnr}
	reprex (lots of features) {reprex}
	reprex (minimal) {reprex}
	GitHub Document (Markdown) {rmarkdown}
	Package Vignette (HTML) {rmarkdown}
	ASA Journal Article {rticles}

Create Empty Document   OK   Cancel

If you are not using RStudio, you can create a new `flexdashboard` R Markdown file from the R console. Currently there are two `templates`:

- `"flex_dashboard"` (basic) and

- `"flex_dashboard_bslib"` (an example of theming with {bslib} (https://pkgs.rstudio.com/flexdashboard/articles/theme.html)):

```
rmarkdown::draft("dashboard.Rmd",
                 template = "flex_dashboard_bslib",
                 package = "flexdashboard")
```

Getting help

There are two main places to get help with flexdashboard:

- The RStudio community (https://community.rstudio.com/tags/c/R-Markdown/10/flexdashboard) is a friendly place to ask any questions about flexdashboard. Be sure to use the `flexdashboard` tag. Add also the `shiny` tag is you are using a Shiny runtime.

- Stack Overflow (https://stackoverflow.com/questions/tagged/flexdashboard) is a great source of answers to common flexdashboard questions. It is also a great place to get help, once you have created a reproducible example that illustrates your problem. Use the tags `[r][flexdashboard]` (https://stackoverflow.com/questions/tagged/flexdashboard+r) if you ask a question. Add the tag `[shiny]` if you are using a Shinyy runtime.

Code of Conduct

Please note that the **flexdashboard** project is released with a Contributor Code of Conduct (https://pkgs.rstudio.com/flexdashboard/CODE_OF_CONDUCT.html). By contributing to this project, you agree to abide by its terms.

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flexdashboard is built for **R Markdown**, an ecosystem of packages for creating computational documents in R. Learn more at rmarkdown.rstudio.com (https://rmarkdown.rstudio.com).

Developed by Carson Sievert, Richard Iannone, JJ Allaire, Barbara Borges. Site built with pkgdown (https://pkgdown.r-lib.org).