

## A silver laptop is shown from a low angle, tilted upwards. The screen displays a dark-themed software interface, likely a data science or machine learning environment. The interface is divided into several panels: a top panel with tabs for 'Project', 'Data', 'Visualize', and 'Model'; a left sidebar with a file explorer showing a project structure; a central area with a code editor displaying Python code; and a right sidebar with a scatter plot showing data points in various colors. The laptop is set against a solid blue background.

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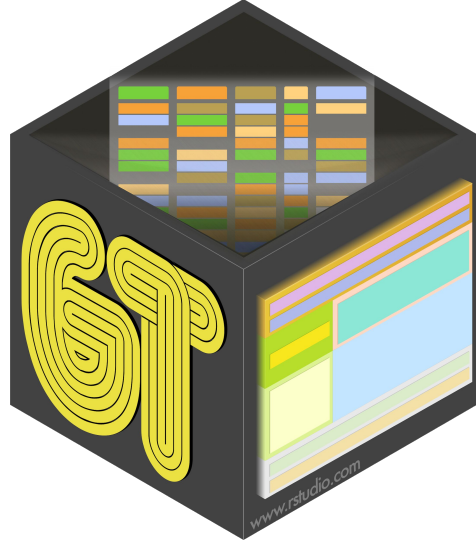
# The **gt** package

- For static tables rendered as HTML (soon PDF, Word)
- Customize almost all aspects of table appearance
- gt = “grammar of tables”. Think ggplot2 for tables

Docs and examples: [gt.rstudio.com](https://gt.rstudio.com)

What I love most about **gt**:

- Built-in formatting functions (don't have to do it all with dplyr)
- Easily set color palettes for cells
- ggplot2-like setting of titles, subtitles, footnotes, etc.



## A Typical *gt* Workflow

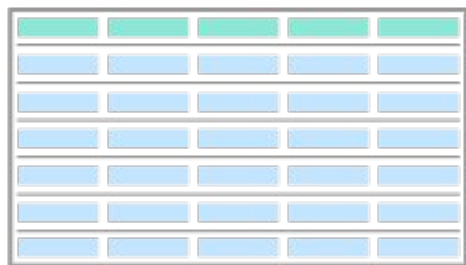
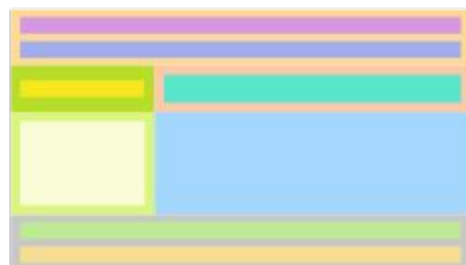


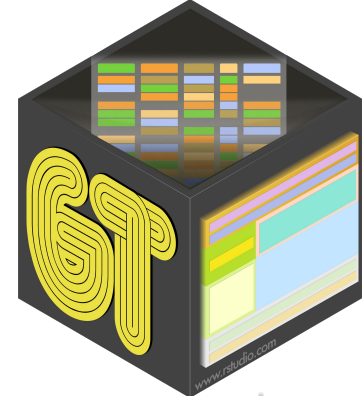
TABLE DATA  
tibble or data frame

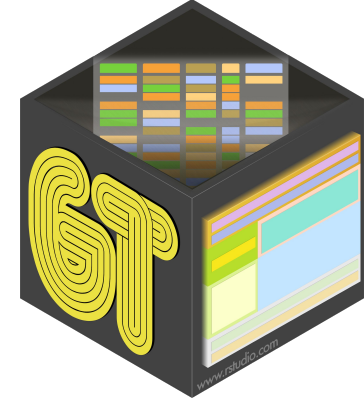


GT OBJECT  
modify with *gt* API functions



GT TABLE  
output as HTML





## Parts of a *gt* Table

TABLE HEADER	TITLE			
	SUBTITLE			
STUB HEAD	STUBHEAD LABEL	SPANNER COLUMN LABEL		COLUMN LABEL
		COLUMN LABEL	COLUMN LABEL	
STUB	ROW GROUP LABEL			
	ROW LABEL	CELL	CELL	CELL
	ROW LABEL	CELL	CELL	CELL
	SUMMARY LABEL	CELL	CELL	CELL
FOOTNOTES				
SOURCE NOTES				

**COLUMN LABELS**

**TABLE BODY**

**TABLE FOOTER**

# The **reactable** package

- For interactive tables rendered as HTML
- Leverages React JavaScript framework, React Table library and reactR
- Anything searchable, sortable, filterable, drill-down, is a good fit for reactable

Docs and examples: <https://glin.github.io/reactable>

What I love most about **reactable**:

- Customizable to an extreme degree
- Fairly simple (10 functions!)
- A lot of great features “for free” - resizing, filtering, sorting, searching, highlighting and much more

# reactable demos

- [NBA Box Score](#)
- [Spotify charts](#)
- [NFL Team Ratings](#) (FiveThirtyEight-ish)
- [Demo cookbook](#) - lots of very useful examples

More great tables of all types and packages in our [2020 Table Contest](#)