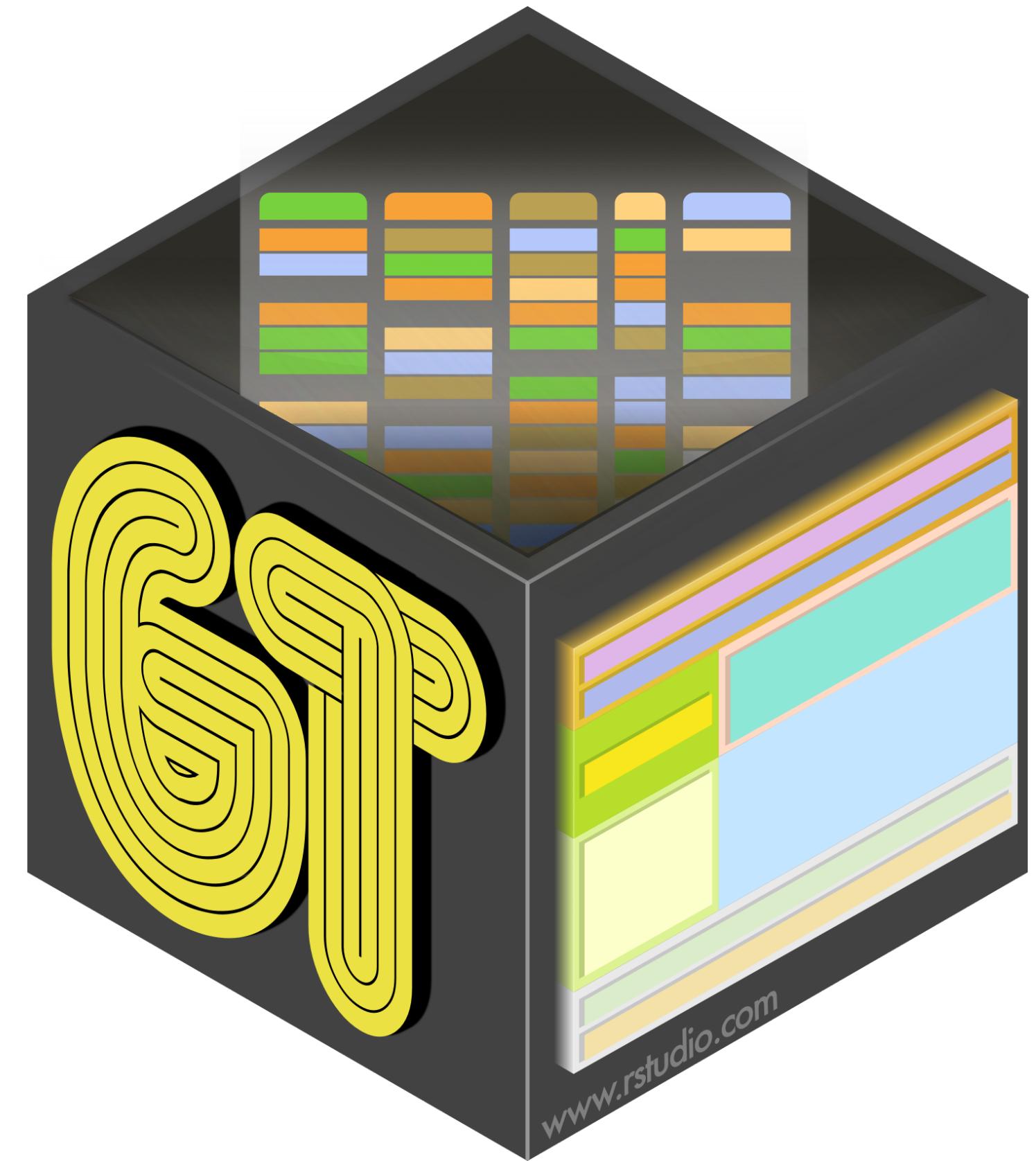
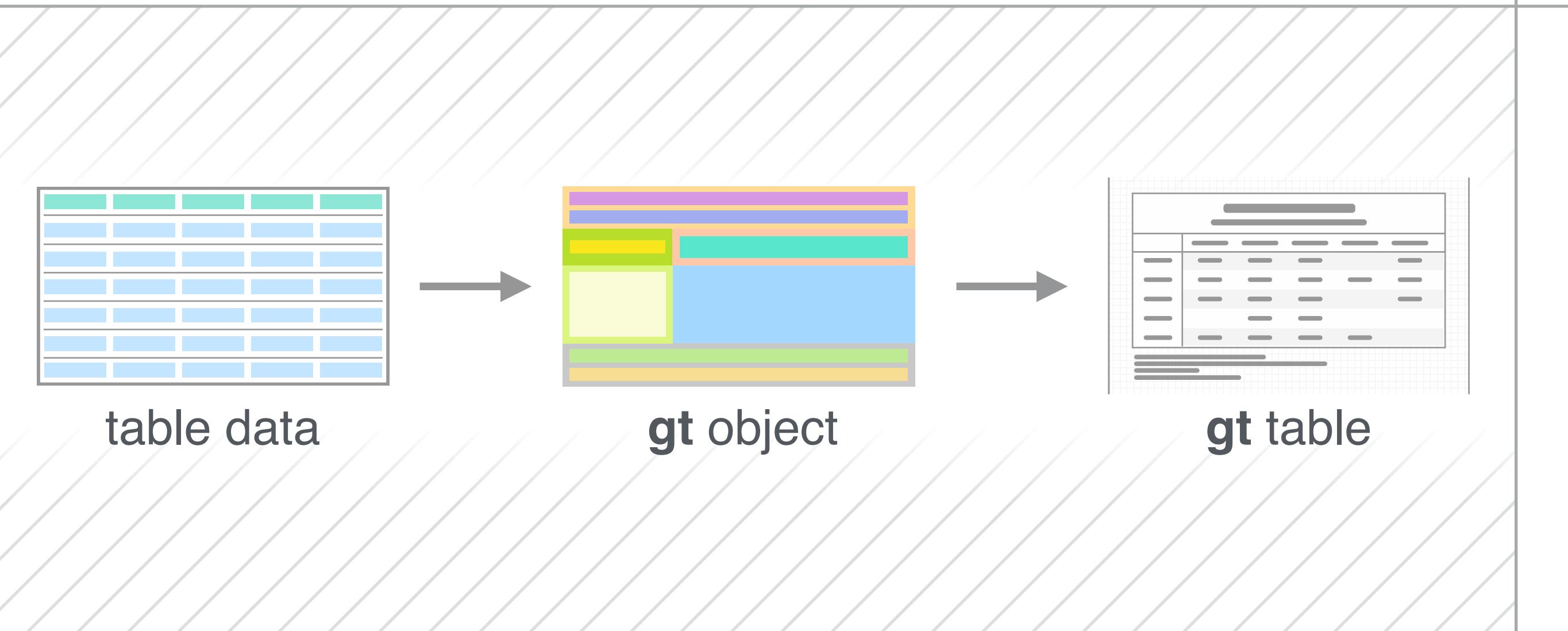


An Introduction to the gt Package



rich-iannone

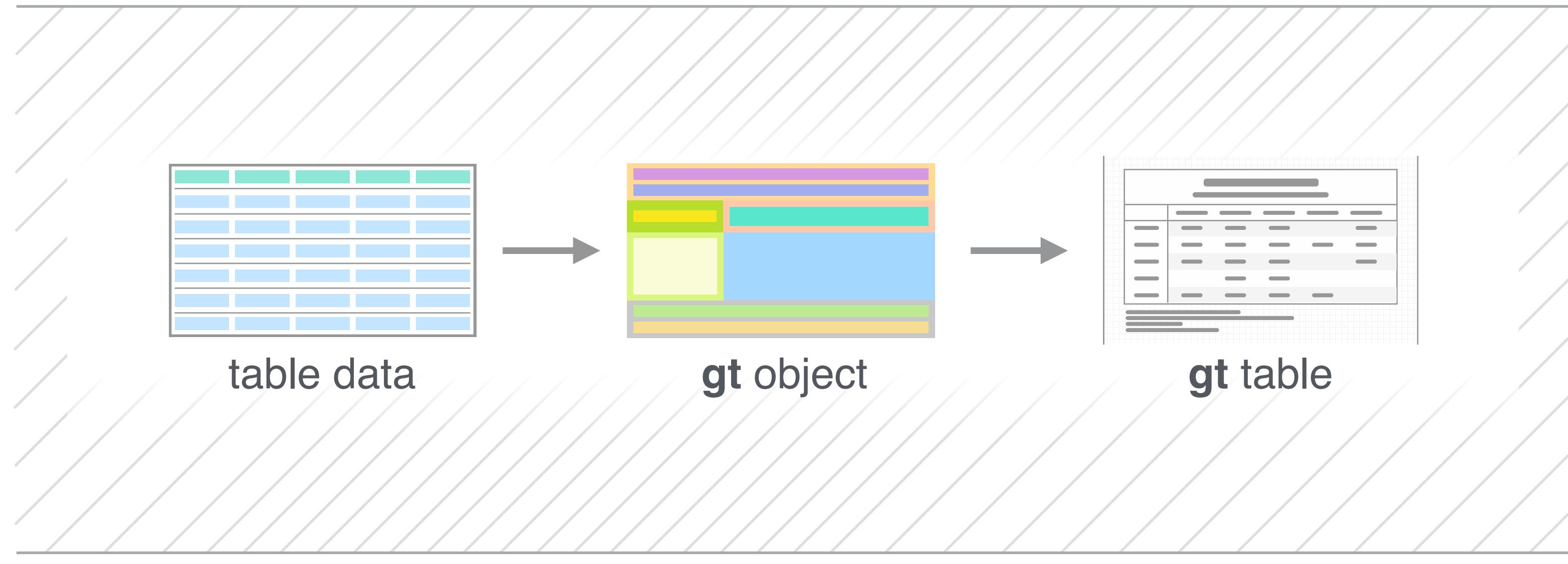


@riannone



rich@rstudio.com

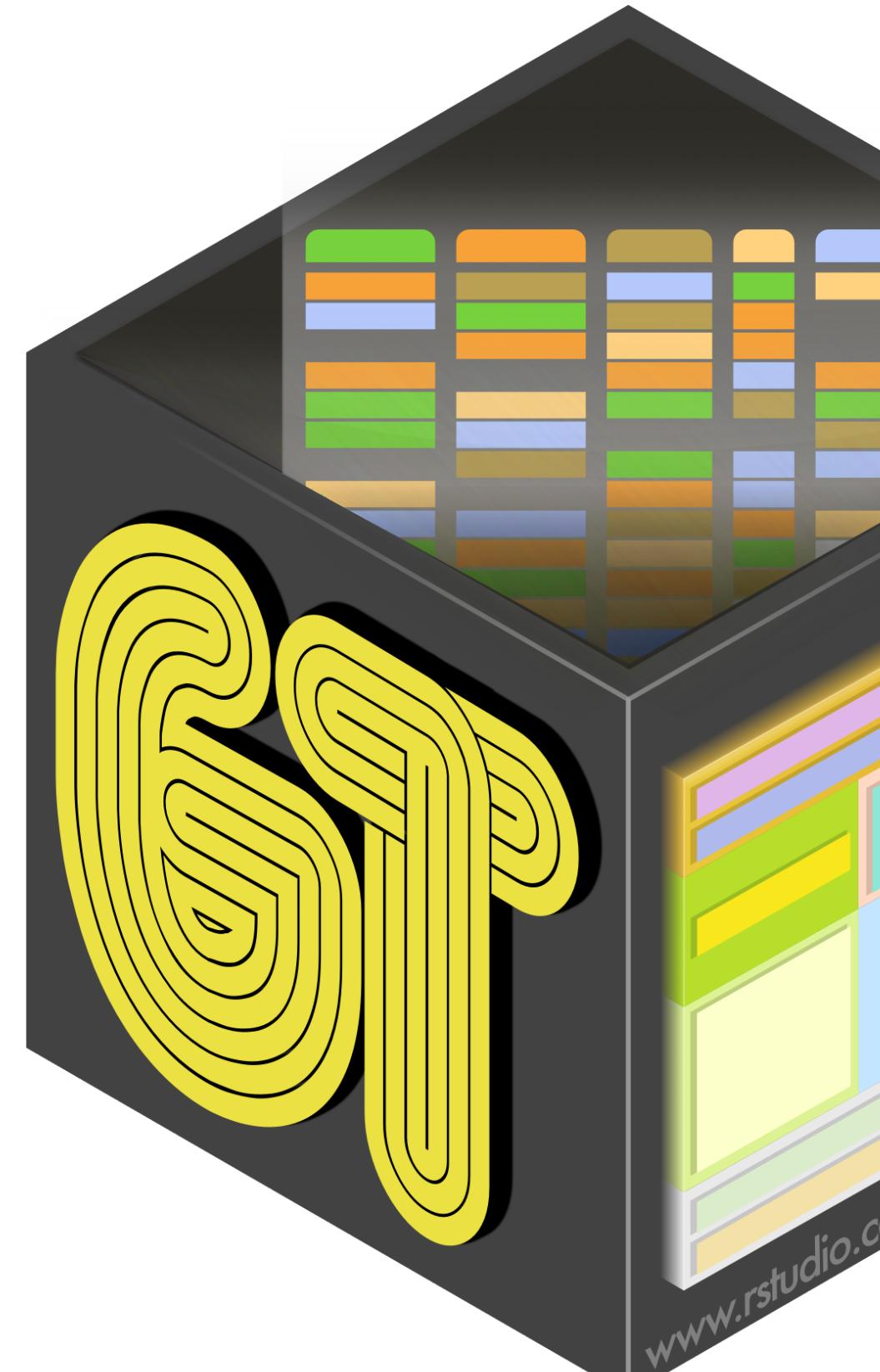
An Introduction to the **gt** Package



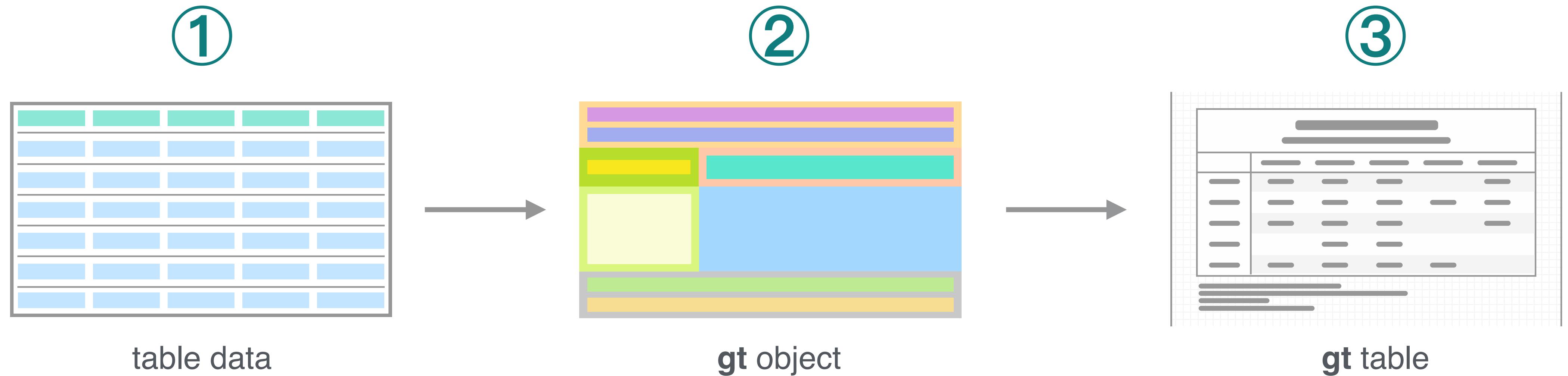
The **gt** package lets us create display tables with a declarative interface, allowing us to fine-tune the final appearance.

Integrate the tables in **R Markdown** docs and **Shiny** applications.

Program with **gt** to make tables as output objects in packages.



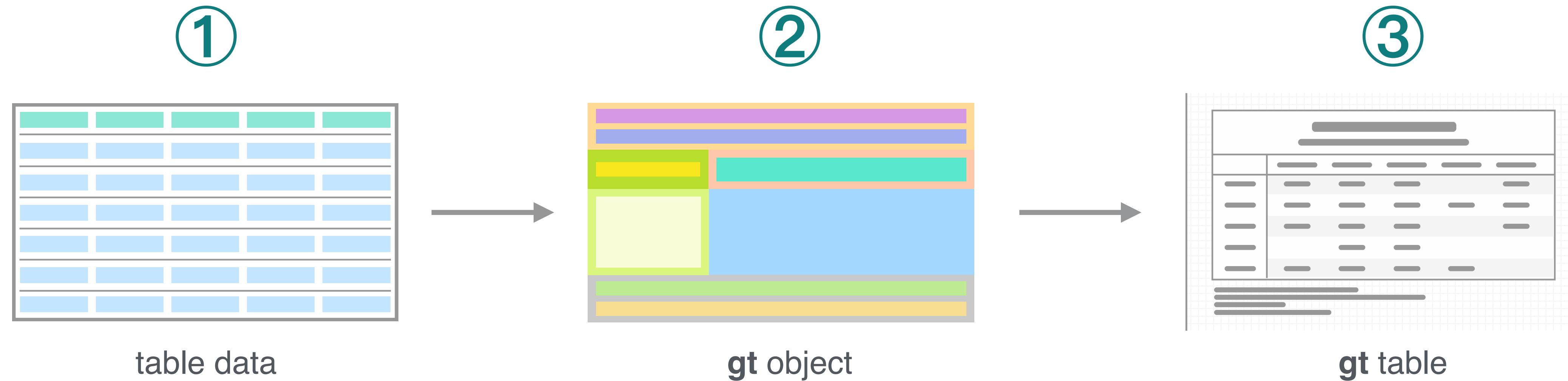
*The Typical Workflow for Making Tables with **gt***



Put your data in a form
that's reasonably close to
the expected form of the
display table.

Use **dplyr** and **tidyverse** and
other great Tidyverse 📦s.

*The Typical Workflow for Making Tables with **gt***



Put your data in a form
that's reasonably close to
the expected form of the
display table.

Use **dplyr** and **tidyr** and
other great Tidyverse 📦s.

Add table components,
group rows together, add
spanner labels, footnotes,
format cells, add styles...

Use **gt**'s functions to build.
Preview in **RStudio**.

*The Typical Workflow for Making Tables with **gt***

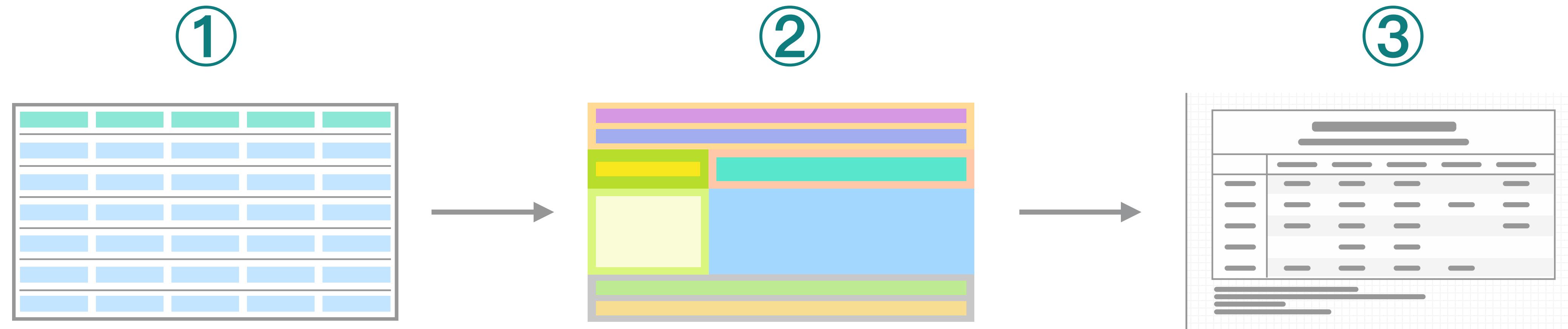


table data

Put your data in a form that's reasonably close to the expected form of the display table.

Use **dplyr** and **tidyr** and other great Tidyverse s.

②

gt object

Add table components, group rows together, add spanner labels, footnotes, format cells, add styles...

Use **gt**'s functions to build. Preview in **RStudio**.

③

gt table

Output the table to **HTML**, save an image. **RTF** and **LaTeX** output is possible as well.

Use tables in **Shiny** apps, reports, packages, etc.

Categorizing the Useful Features of a Table

Categorizing the Useful Features of a Table

The Cars of gtcars							
These are some fine automobiles							
	Year	Trim	Transmission	MPG	HP	Torque	MSRP ¹
Germany							
BMW i8	2016	Mega World Coupe	6 Speed Automatic/Manual	28c 29h ²	357 @5800rpm	420 @3700rpm	\$140,700
Mercedes-Benz AMG GT	2016	S Coupe	7 Speed Automatic	16c 22h	503 @6250rpm	479 @1750rpm	\$129,900
Italy							
Ferrari LaFerrari	2015	Base Coupe	7 Speed Automatic	12c 16h	949 @9000rpm ³	664 @6750rpm	\$1,416,362
Lamborghini Aventador	2015	LP 700-4 Coupe	7 Speed Automatic	11c 18h	700 @8250rpm	507 @5500rpm	\$397,500
United States							
Dodge Viper	2017	GT Coupe	6 Speed Manual	12c 19h	645 @5000rpm	600 @5000rpm	\$95,895
Ford GT	2017	Base Coupe	7 Speed Automatic	11c 18h	647 @6250rpm	550 @5900rpm	\$447,000
Japan							
Acura NSX	2017	Base Coupe	9 Speed Automatic	21c 22h	573 @6500rpm	476 @2000rpm	\$156,000
Nissan GT-R	2016	Premium Coupe	6 Speed Automatic	16c 22h	545 @6400rpm	436 @3200rpm	\$101,770

¹ All prices in U.S. dollars (USD).

² Best gas mileage (city) of all the gtcars.

³ The highest horsepower of all the gtcars.

Source: Various pages within the Edmonds website.

Categorizing the Useful Features of a Table

table header
with a title
and a subtitle

The Cars of gtcars							
These are some fine automobiles							
	Year	Trim	Transmission	MPG	HP	Torque	MSRP ¹
Germany							
BMW i8	2016	Mega World Coupe	6 Speed Automatic/Manual	28c 29h ²	357 @5800rpm	420 @3700rpm	\$140,700
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Categorizing the Useful Features of a Table

table header
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and a subtitle

The Cars of gtcars

These are some fine automobiles

	Year	Trim	Transmission	MPG	HP	Torque	MSRP ¹
Germany							
BMW i8	2016	Mega World Coupe	6 Speed Automatic/Manual	28c 29h ²	357 @5800rpm	420 @3700rpm	\$140,700
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Source: Various pages within the Edmonds website.

row labels
along with
row grouping

Categorizing the Useful Features of a Table

table header
with a title
and a subtitle

The Cars of **gtcars**
These are some fine automobiles

row labels
along with
row grouping

Performance							
	Year	Trim	Transmission	MPG	HP	Torque	MSRP ¹
Germany							
BMW i8	2016	Mega World Coupe	6 Speed Automatic/Manual	28c 29h ²	357 @5800rpm	420 @3700rpm	\$140,700
Mercedes-Benz AMG GT	2016	S Coupe	7 Speed Automatic	16c 22h	503 @6250rpm	479 @1750rpm	\$129,900
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Ferrari LaFerrari	2015	Base Coupe	7 Speed Automatic	12c 16h	949 @9000rpm ³	664 @6750rpm	\$1,416,362
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Nissan GT-R	2016	Premium Coupe	6 Speed Automatic	16c 22h	545 @6400rpm	436 @3200rpm	\$101,770

column labels
along with
column grouping

¹ All prices in U.S. dollars (USD).

² Best gas mileage (city) of all the **gtcars**.

³ The highest horsepower of all the **gtcars**.

Categorizing the Useful Features of a Table

table header
with a title
and a subtitle

row labels
along with
row grouping

The Cars of gtcars							
These are some fine automobiles							
Germany	Year	Trim	Transmission	MPG	HP	Torque	MSRP ¹
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column labels
along with
column grouping

data formatting
need to transform raw
data for presentation

Categorizing the Useful Features of a Table

table header
with a title
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row labels
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The Cars of gtcars							
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column labels
along with
column grouping

data formatting
need to transform raw
data for presentation

footnotes
are in the right order

Categorizing the Useful Features of a Table

table header
with a title
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The Cars of gtcars
These are some fine automobiles

row labels
along with
row grouping

	Year	Trim	Transmission	MPG	HP	Torque	MSRP ¹
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column labels
along with
column grouping

data formatting
need to transform raw
data for presentation

a source note

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Source: Various pages within the Edmonds website.

footnotes
are in the right order

Categorizing the Useful Features of a Table

The Cars of gtcars							
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Categorizing the Useful Features of a Table

The ordering of footnotes must always be correct.

And it's **no fun** doing this manually.

The Cars of gtcars							
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1
2
3

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Source: Various pages within the Edmonds website.

1

2

3

footnotes
are in the right order

Categorizing the Useful Features of a Table

To do this right, a system needs to **index** the locations *left-to-right then top-to-bottom*.

The Cars of gtcars ¹								
These are some fine automobiles ²								
³	Year ⁵	Trim ⁶	Transmission ⁷	Performance ⁴			MSRP ¹¹	
				MPG ⁸	HP ⁹	Torque ¹⁰		
Germany ¹³								
BMW i8 ¹⁴	2016 ¹⁵	Mega World Coupe ¹⁶	6 Speed Automatic/Manual ¹⁷	28c ¹⁸ 29h ² ¹⁹	357 ¹⁹ @5800rpm	420 ²⁰ @3700rpm	\$140,700 ²¹	
Mercedes-Benz AMG GT ²²	2016 ²³	S Coupe ²⁴	7 Speed Automatic ²⁵	16c ²⁶ 22h ²⁷ @6250rpm	503 ²⁷ @1750rpm	479 ²⁸ @1750rpm	\$129,900 ²⁹	
Italy ³⁰								
Ferrari LaFerrari ³¹	2015 ³²	Base Coupe ³³	7 Speed Automatic ³⁴	12c ³⁵ 16h ³⁶ @9000rpm ³	949 ³⁶ @6750rpm	664 ³⁷ @6750rpm	\$1,416,362 ³⁸	
Lamborghini Aventador ³⁹	2015 ⁴⁰	LP 700-4 Coupe ⁴¹	7 Speed Automatic ⁴²	11c ⁴³ 18h ⁴⁴ @8250rpm	700 ⁴⁴ @5500rpm	507 ⁴⁵ @5500rpm	\$397,500 ⁴⁶	
United States ⁴⁷								
Dodge Viper ⁴⁸	2017 ⁴⁹	GT Coupe ⁵⁰	6 Speed Manual ⁵¹	12c ⁵² 19h ⁵³ @5000rpm	645 ⁵³ @5000rpm	600 ⁵⁴ @5000rpm	\$95,895 ⁵⁵	
Ford GT ⁵⁶	2017 ⁵⁷	Base Coupe ⁵⁸	7 Speed Automatic ⁵⁹	11c ⁶⁰ 18h ⁶¹ @6250rpm	647 ⁶¹ @5900rpm	550 ⁶² @5900rpm	\$447,000 ⁶³	
Japan ⁶⁴								
Acura NSX ⁶⁵	2017 ⁶⁶	Base Coupe ⁶⁷	9 Speed Automatic ⁶⁸	21c ⁶⁹ 22h ⁷⁰ @6500rpm	573 ⁷⁰ @2000rpm	476 ⁷¹ @2000rpm	\$156,000 ⁷²	
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*The **gt** Package Formalizes the Parts of a Table*

The Structural Parts of a Table

This is the most basic form of a **gt** table:

column label	column label	column label
cell	cell	cell

column labels

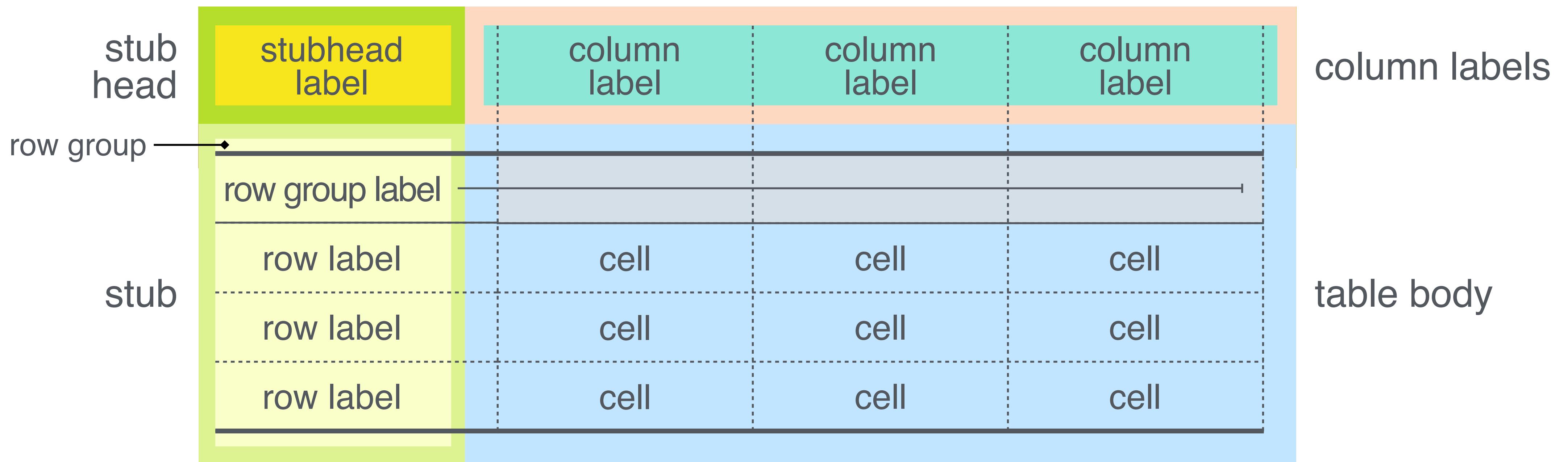
table body

The Structural Parts of a Table

stub head	stubhead label	column label	column label	column label	column labels
stub	row label	cell	cell	cell	table body
	row label	cell	cell	cell	
	row label	cell	cell	cell	
	row label	cell	cell	cell	

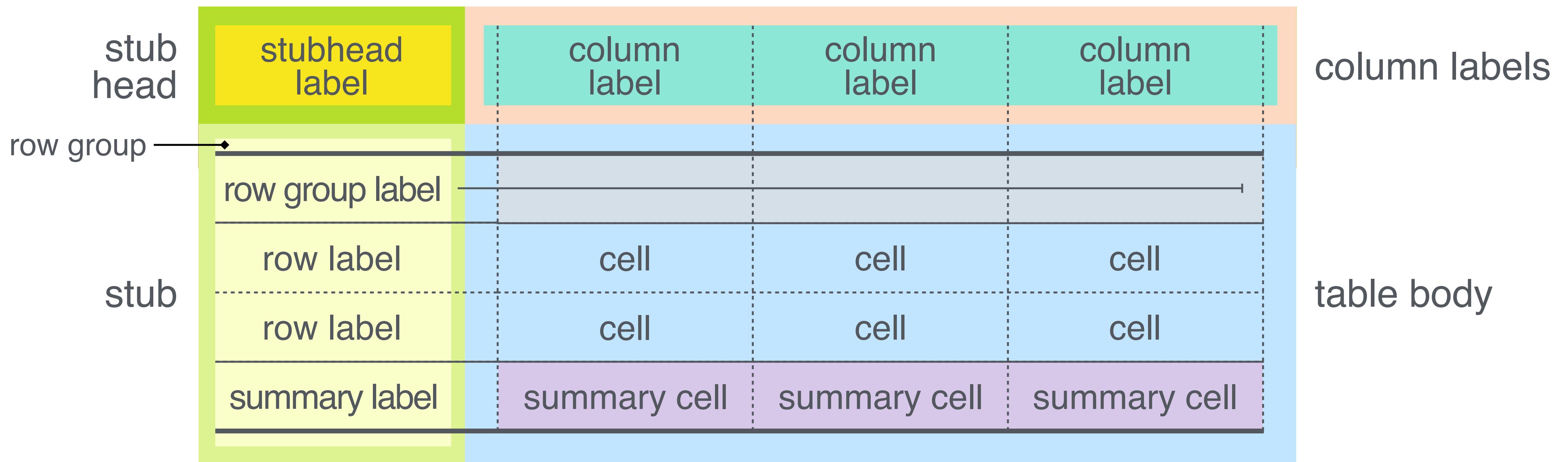
A table stub is not always needed but it can be useful.

The Structural Parts of a Table



A table stub is not always needed but it can be useful.
Rows can be grouped, and they can have labels.

The Structural Parts of a Table

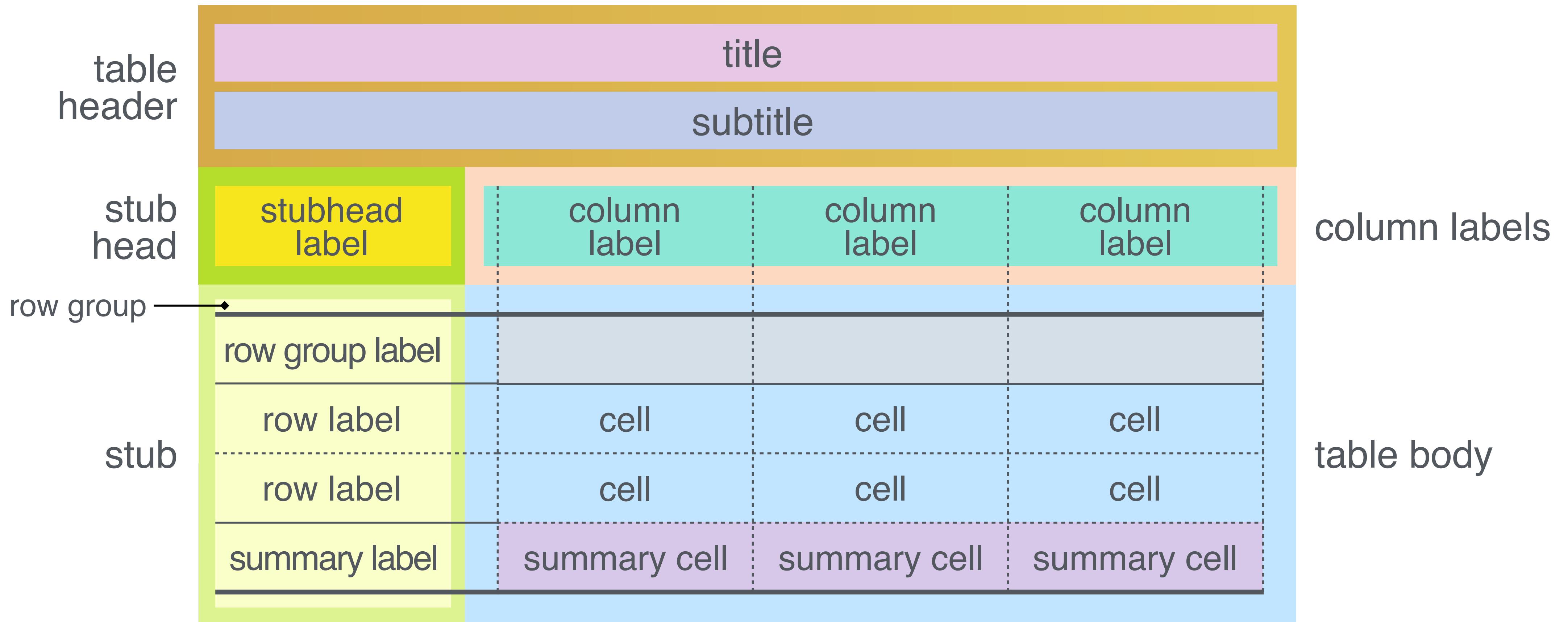


A table stub is not always needed but it can be useful.

Rows can be grouped, and they can have labels.

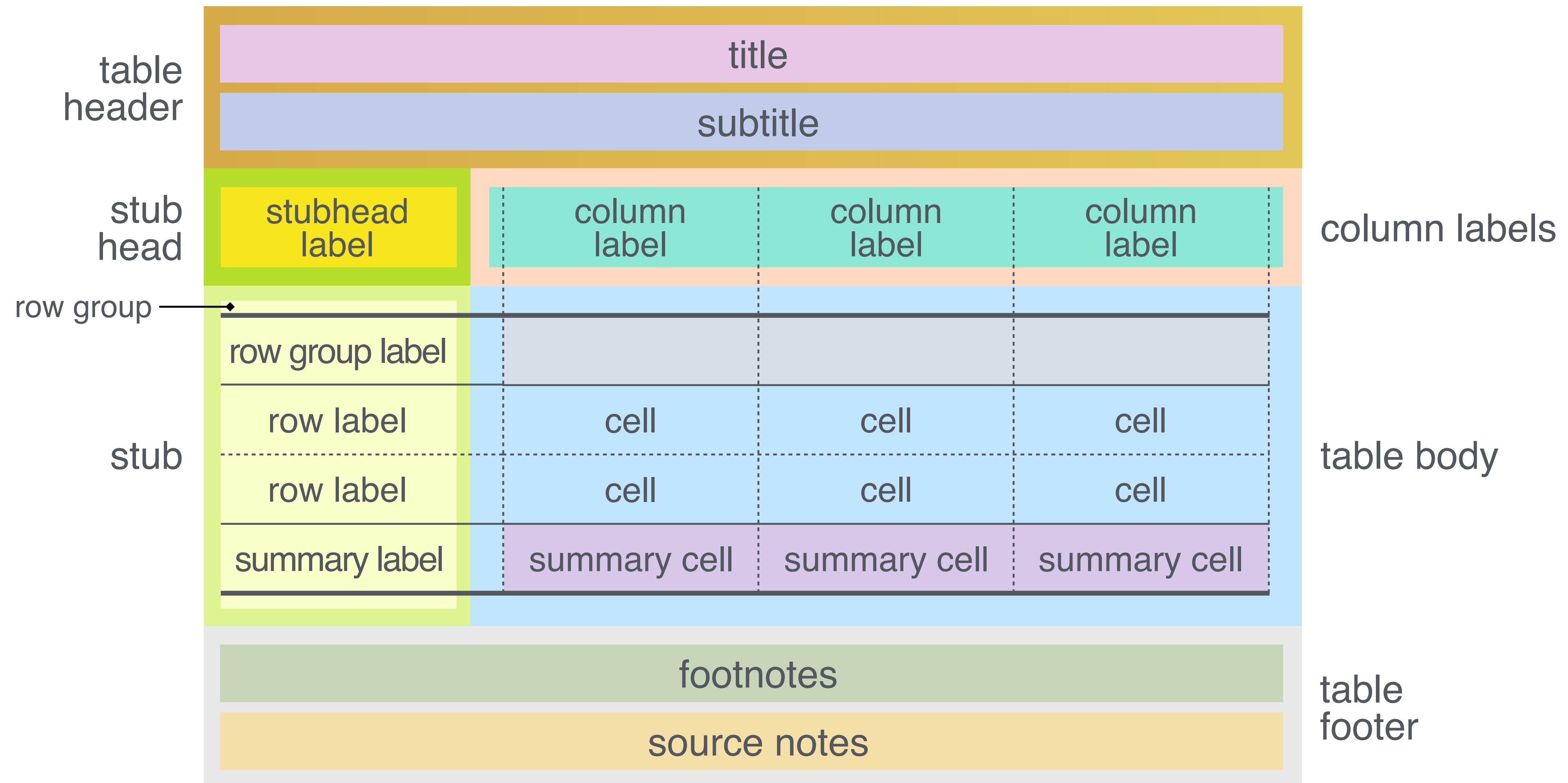
Summary rows can be added to groups (or, we can have a *grand summary*).

The Structural Parts of a Table



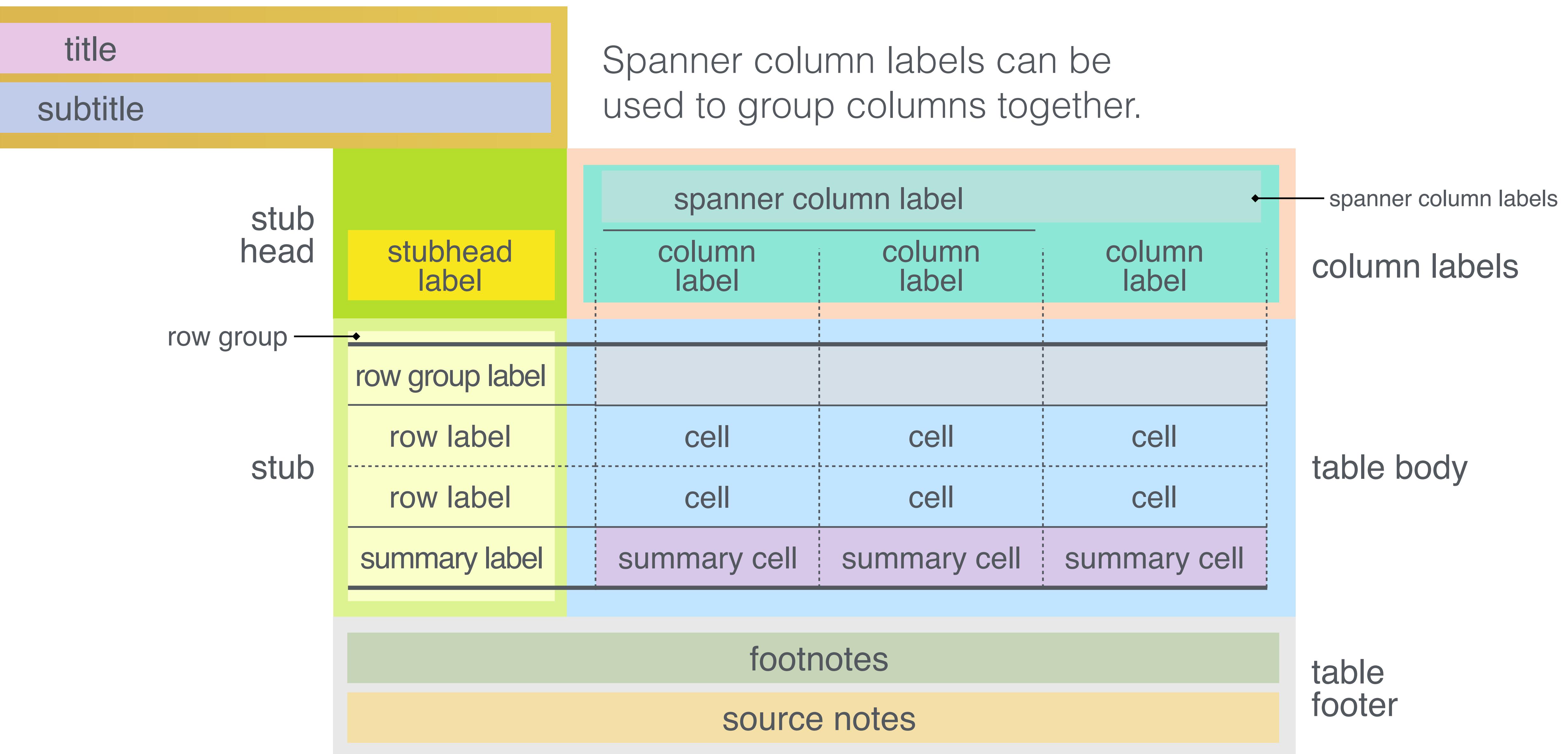
A table header is a great place to add a title and a subtitle.

The Structural Parts of a Table

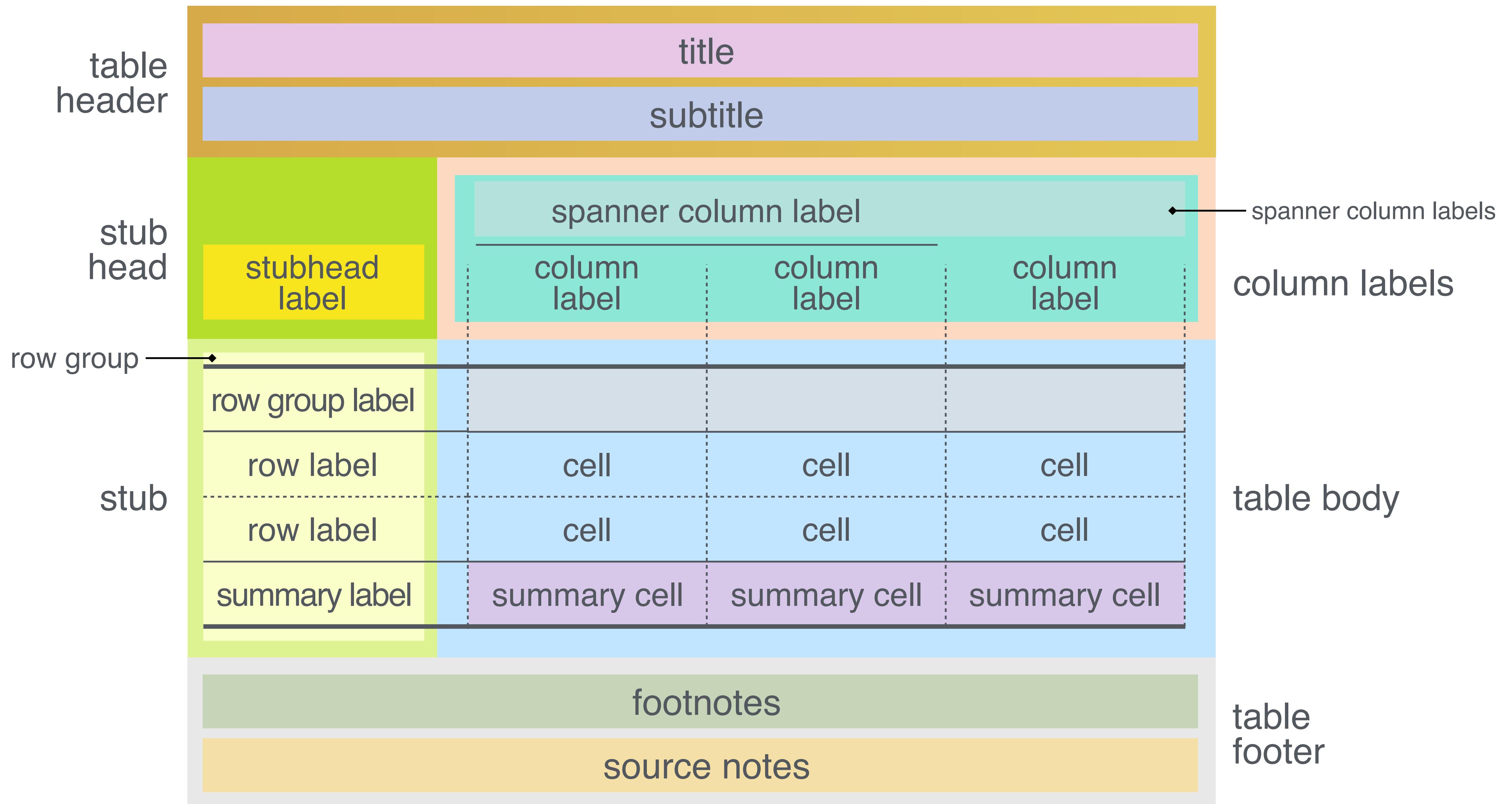


Footnotes and source notes serve as useful annotations.

The Structural Parts of a Table



The Structural Parts of a Table



*Let's Learn How to Use **gt***

Datasets in ***gt***



countrypops



sza



gtcars



sp500

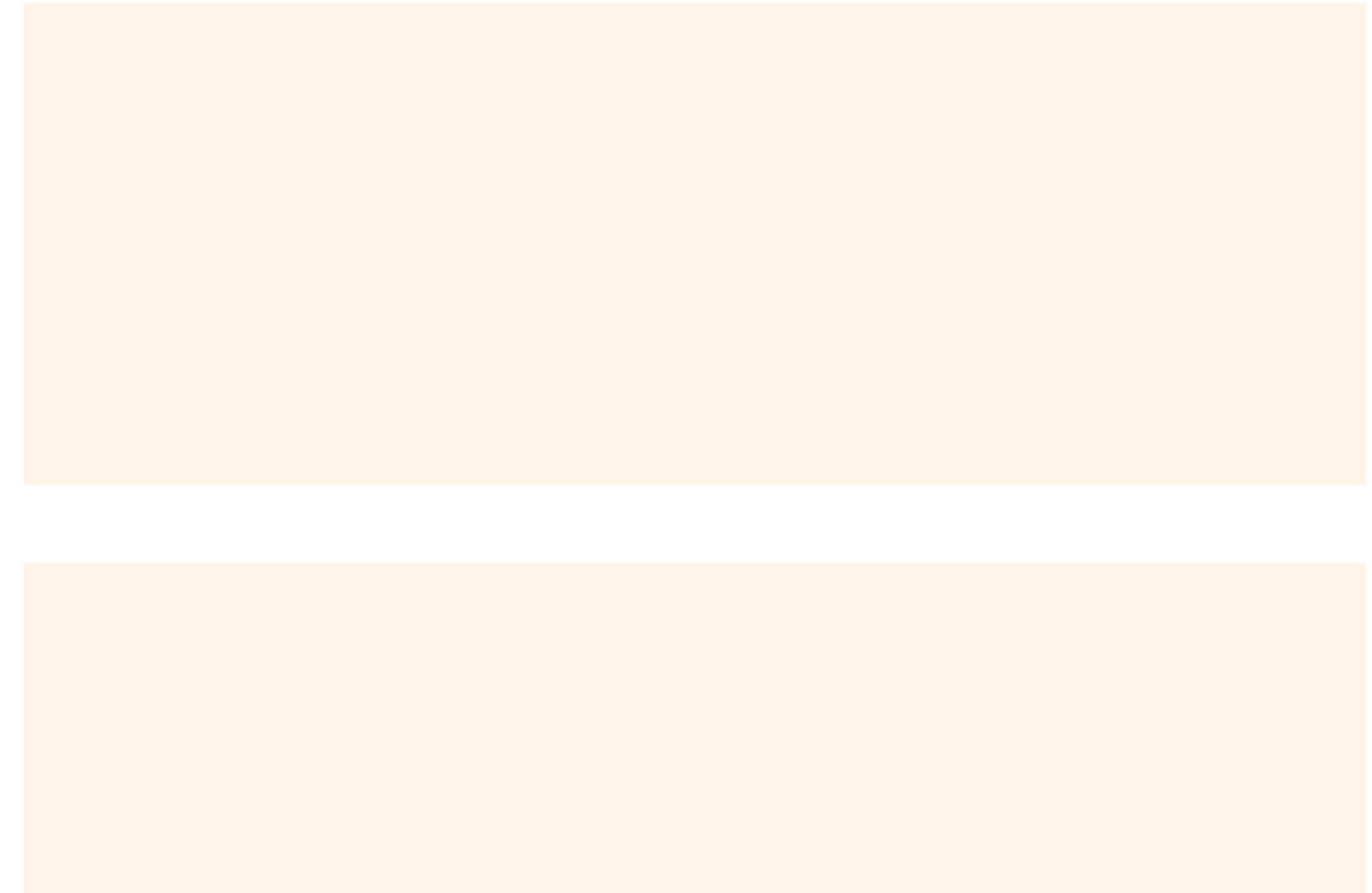


pizzaplace



exibble

The **gt** package comes with six example datasets.



Datasets in **gt**



countrypops
12,470 × 5



sza
816 × 4



gtcars
47 × 15



sp500
16,607 × 7



pizzaplace
49,574 × 7

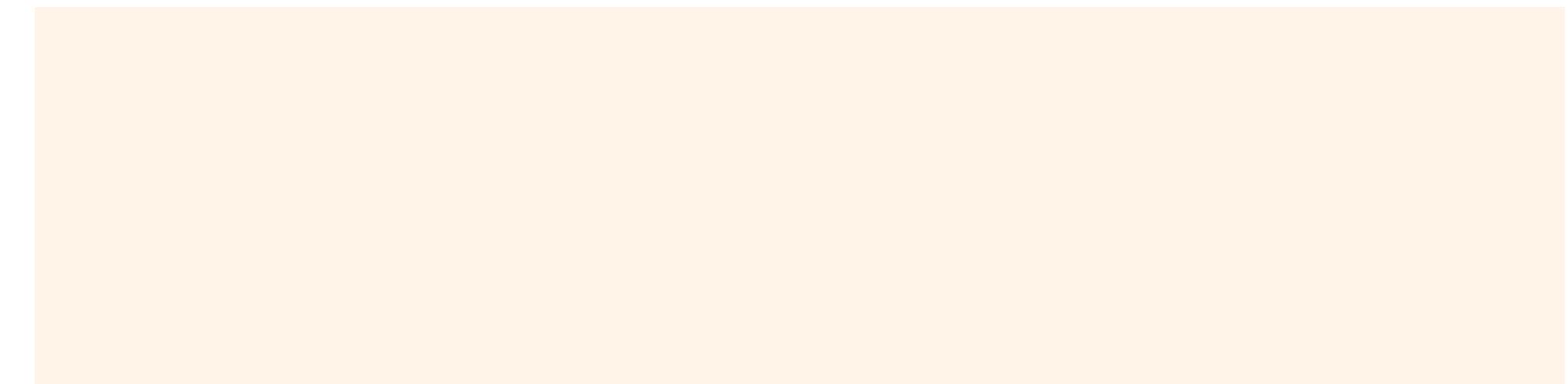


exibble
8 × 9

The **gt** package comes with six example datasets.

They are of various sizes and subject matter. There are some nice examples available at:

[gt.rstudio.com/articles/gt-datasets](http://rstudio.com/articles/gt-datasets)



*Datasets in **gt***



exibble
 8×9

The **gt** package comes with six example datasets.

They are of various sizes and subject matter. There are some nice examples available at:

gt.rstudio.com/articles/gt-datasets

Let's take a look at some examples with exibble: a dataset that's great for small examples.

The First Function You Need to Know

■ Create Table

gt()

CODE

```
exibble %>% gt()
```

TABLE

num	char	fctr	date	time	datetime	currency	row	group
1.111e-01	apricot	one	2015-01-15	13:35	2018-01-01 02:22	49.950	row_1	grp_a
2.222e+00	banana	two	2015-02-15	14:40	2018-02-02 14:33	17.950	row_2	grp_a
3.333e+01	coconut	three	2015-03-15	15:45	2018-03-03 03:44	1.390	row_3	grp_a
4.444e+02	durian	four	2015-04-15	16:50	2018-04-04 15:55	65100.000	row_4	grp_a
5.550e+03	NA	five	2015-05-15	17:55	2018-05-05 04:00	1325.810	row_5	grp_b
NA	fig	six	2015-06-15	NA	2018-06-06 16:11	13.255	row_6	grp_b
7.770e+05	grapefruit	seven	NA	19:10	2018-07-07 05:22	NA	row_7	grp_b
8.880e+06	honeydew	eight	2015-08-15	20:20	NA	0.440	row_8	grp_b

Work with Table Components, Add Style

■ Create or Modify Parts

tab_header() tab_spinner() tab_spinner_delim() tab_row_g

CODE

```
exibble %>% gt() %>% tab_header(md("**gt** is cool"))
```

TABLE

gt is cool									
num	char	fctr	date	time	datetime	currency	row	group	
1.111e-01	apricot	one	2015-01-15	13:35	2018-01-01 02:22	49.950	row_1	grp_a	
2.222e+00	banana	two	2015-02-15	14:40	2018-02-02 14:33	17.950	row_2	grp_a	
3.333e+01	coconut	three	2015-03-15	15:45	2018-03-03 03:44	1.390	row_3	grp_a	
4.444e+02	durian	four	2015-04-15	16:50	2018-04-04 15:55	65100.000	row_4	grp_a	
5.550e+03	NA	five	2015-05-15	17:55	2018-05-05 04:00	1325.810	row_5	grp_b	
NA	fig	six	2015-06-15	NA	2018-06-06 16:11	13.255	row_6	grp_b	
7.770e+05	grapefruit	seven	NA	19:10	2018-07-07 05:22	NA	row_7	grp_b	
8.880e+06	honeydew	eight	2015-08-15	20:20	NA	0.440	row_8	grp_b	

Work with Table Components, Add Style

■ Create or Modify Parts

tab_source_note() tab_style() tab_options()

CODE

```
exibble %>% gt() %>% tab_header(md("★★gt★★ is cool")) %>%  
  tab_source_note("From gt.")
```

TABLE

gt is cool								
num	char	fctr	date	time	datetime	currency	row	group
1.111e-01	apricot	one	2015-01-15	13:35	2018-01-01 02:22	49.950	row_1	grp_a
2.222e+00	banana	two	2015-02-15	14:40	2018-02-02 14:33	17.950	row_2	grp_a
3.333e+01	coconut	three	2015-03-15	15:45	2018-03-03 03:44	1.390	row_3	grp_a
4.444e+02	durian	four	2015-04-15	16:50	2018-04-04 15:55	65100.000	row_4	grp_a
5.550e+03	NA	five	2015-05-15	17:55	2018-05-05 04:00	1325.810	row_5	grp_b
NA	fig	six	2015-06-15	NA	2018-06-06 16:11	13.255	row_6	grp_b
7.770e+05	grapefruit	seven	NA	19:10	2018-07-07 05:22	NA	row_7	grp_b
8.880e+06	honeydew	eight	2015-08-15	20:20	NA	0.440	row_8	grp_b

From gt.

The Formatting Functions

Format Data

fmt_number() fmt_scientific() fmt_percent() fmt_currency()

CODE

```
exibble %>% gt() %>% fmt_number(vars(num), decimals = 2)
```

TABLE

num	char	fctr	date	time	datetime	currency	row	group
0.11	apricot	one	2015-01-15	13:35	2018-01-01 02:22	49.950	row_1	grp_a
2.22	banana	two	2015-02-15	14:40	2018-02-02 14:33	17.950	row_2	grp_a
33.33	coconut	three	2015-03-15	15:45	2018-03-03 03:44	1.390	row_3	grp_a
444.40	durian	four	2015-04-15	16:50	2018-04-04 15:55	65100.000	row_4	grp_a
5,550.00	NA	five	2015-05-15	17:55	2018-05-05 04:00	1325.810	row_5	grp_b
NA	fig	six	2015-06-15	NA	2018-06-06 16:11	13.255	row_6	grp_b
777,000.00	grapefruit	seven	NA	19:10	2018-07-07 05:22	NA	row_7	grp_b
8,880,000.00	honeydew	eight	2015-08-15	20:20	NA	0.440	row_8	grp_b

The Formatting Functions

Format Data

`fmt_scientific()` `fmt_percent()` `fmt_currency()` `fmt_date()`

CODE

```
exibble %>% gt() %>%  
  fmt_scientific(vars(num))
```

TABLE

num	char	fctr	date	time	datetime	currency	row	group
1.11×10^{-1}	apricot	one	2015-01-15	13:35	2018-01-01 02:22	49.950	row_1	grp_a
2.22	banana	two	2015-02-15	14:40	2018-02-02 14:33	17.950	row_2	grp_a
3.33×10^1	coconut	three	2015-03-15	15:45	2018-03-03 03:44	1.390	row_3	grp_a
4.44×10^2	durian	four	2015-04-15	16:50	2018-04-04 15:55	65100.000	row_4	grp_a
5.55×10^3	NA	five	2015-05-15	17:55	2018-05-05 04:00	1325.810	row_5	grp_b
NA	fig	six	2015-06-15	NA	2018-06-06 16:11	13.255	row_6	grp_b
7.77×10^5	grapefruit	seven	NA	19:10	2018-07-07 05:22	NA	row_7	grp_b
8.88×10^6	honeydew	eight	2015-08-15	20:20	NA	0.440	row_8	grp_b

The Formatting Functions

Format Data

`fmt_scientific()` `fmt_percent()` `fmt_currency()` `fmt_date()`

CODE

```
exibble %>% gt() %>%  
  fmt_scientific(vars(num), rows = num >= 10^3 )
```

TABLE

num	char	fctr	date	time	datetime	currency	row	group
0.1111	apricot	one	2015-01-15	13:35	2018-01-01 02:22	49.950	row_1	grp_a
2.2220	banana	two	2015-02-15	14:40	2018-02-02 14:33	17.950	row_2	grp_a
33.3300	coconut	three	2015-03-15	15:45	2018-03-03 03:44	1.390	row_3	grp_a
444.4000	durian	four	2015-04-15	16:50	2018-04-04 15:55	65100.000	row_4	grp_a
5.55×10^3	NA	five	2015-05-15	17:55	2018-05-05 04:00	1325.810	row_5	grp_b
NA	fig	six	2015-06-15	NA	2018-06-06 16:11	13.255	row_6	grp_b
7.77×10^5	grapefruit	seven	NA	19:10	2018-07-07 05:22	NA	row_7	grp_b
8.88×10^6	honeydew	eight	2015-08-15	20:20	NA	0.440	row_8	grp_b

The Formatting Functions

Format Data

fmt_currency() fmt_date() fmt_time() fmt_datetime() fmt

CODE

```
exibble %>% gt() %>%  
  fmt_currency(vars(currency), currency = "EUR")  
  ↗ try info_currencies()
```

TABLE

num	char	fctr	date	time	datetime	currency	row	group
1.111e-01	apricot	one	2015-01-15	13:35	2018-01-01 02:22	€49.95	row_1	grp_a
2.222e+00	banana	two	2015-02-15	14:40	2018-02-02 14:33	€17.95	row_2	grp_a
3.333e+01	coconut	three	2015-03-15	15:45	2018-03-03 03:44	€1.39	row_3	grp_a
4.444e+02	durian	four	2015-04-15	16:50	2018-04-04 15:55	€65,100.00	row_4	grp_a
5.550e+03	NA	five	2015-05-15	17:55	2018-05-05 04:00	€1,325.81	row_5	grp_b
NA	fig	six	2015-06-15	NA	2018-06-06 16:11	€13.26	row_6	grp_b
7.770e+05	grapefruit	seven	NA	19:10	2018-07-07 05:22	NA	row_7	grp_b
8.880e+06	honeydew	eight	2015-08-15	20:20	NA	€0.44	row_8	grp_b

The Formatting Functions

Format Data

fmt_date() fmt_time() fmt_datetime() fmt_markdown() fmt

CODE

```
exibble %>% gt() %>%  
  fmt_date(vars(date), date_style = 2)
```

try info_date_style()

TABLE

num	char	fctr	date	time	datetime	currency	row	group
1.111e-01	apricot	one	Thursday, January 15, 2015	13:35	2018-01-01 02:22	49.950	row_1	grp_a
2.222e+00	banana	two	Sunday, February 15, 2015	14:40	2018-02-02 14:33	17.950	row_2	grp_a
3.333e+01	coconut	three	Sunday, March 15, 2015	15:45	2018-03-03 03:44	1.390	row_3	grp_a
4.444e+02	durian	four	Wednesday, April 15, 2015	16:50	2018-04-04 15:55	65100.000	row_4	grp_a
5.550e+03	NA	five	Friday, May 15, 2015	17:55	2018-05-05 04:00	1325.810	row_5	grp_b
NA	fig	six	Monday, June 15, 2015	NA	2018-06-06 16:11	13.255	row_6	grp_b
7.770e+05	grapefruit	seven	NA	19:10	2018-07-07 05:22	NA	row_7	grp_b
8.880e+06	honeydew	eight	Saturday, August 15, 2015	20:20	NA	0.440	row_8	grp_b

The Formatting Functions

Format Data

fmt_missing() fmt() text_transform() data_color()

CODE

```
exibble %>% gt() %>% fmt_missing(columns = everything())
```

TABLE

num	char	fctr	date	time	datetime	currency	row	group
1.111e-01	apricot	one	2015-01-15	13:35	2018-01-01 02:22	49.950	row_1	grp_a
2.222e+00	banana	two	2015-02-15	14:40	2018-02-02 14:33	17.950	row_2	grp_a
3.333e+01	coconut	three	2015-03-15	15:45	2018-03-03 03:44	1.390	row_3	grp_a
4.444e+02	durian	four	2015-04-15	16:50	2018-04-04 15:55	65100.000	row_4	grp_a
5.550e+03	—	five	2015-05-15	17:55	2018-05-05 04:00	1325.810	row_5	grp_b
—	fig	six	2015-06-15	—	2018-06-06 16:11	13.255	row_6	grp_b
7.770e+05	grapefruit	seven	—	19:10	2018-07-07 05:22	—	row_7	grp_b
8.880e+06	honeydew	eight	2015-08-15	20:20	—	0.440	row_8	grp_b

How to Do Modifications on Entire Columns

■ Modify Columns

cols_align() cols_width() cols_label() cols_move_to_start

CODE

```
exibble %>% gt() %>%  
  cols_align(vars(char, fctr), align = "right")
```

TABLE

num	char	fctr	date	time	datetime	currency	row	group
1.111e-01	apricot	one	2015-01-15	13:35	2018-01-01 02:22	49.950	row_1	grp_a
2.222e+00	banana	two	2015-02-15	14:40	2018-02-02 14:33	17.950	row_2	grp_a
3.333e+01	coconut	three	2015-03-15	15:45	2018-03-03 03:44	1.390	row_3	grp_a
4.444e+02	durian	four	2015-04-15	16:50	2018-04-04 15:55	65100.000	row_4	grp_a
5.550e+03	NA	five	2015-05-15	17:55	2018-05-05 04:00	1325.810	row_5	grp_b
NA	fig	six	2015-06-15	NA	2018-06-06 16:11	13.255	row_6	grp_b
7.770e+05	grapefruit	seven	NA	19:10	2018-07-07 05:22	NA	row_7	grp_b
8.880e+06	honeydew	eight	2015-08-15	20:20	NA	0.440	row_8	grp_b

How to Do Modifications on Entire Columns

■ Modify Columns

cols_hide() cols_merge_range() cols_merge_uncert() cols_m

CODE

```
exibble %>% gt() %>% cols_hide(matches("date|time"))
```

TABLE

num	char	fctr	currency	row	group
1.111e-01	apricot	one	49.950	row_1	grp_a
2.222e+00	banana	two	17.950	row_2	grp_a
3.333e+01	coconut	three	1.390	row_3	grp_a
4.444e+02	durian	four	65100.000	row_4	grp_a
5.550e+03	NA	five	1325.810	row_5	grp_b
NA	fig	six	13.255	row_6	grp_b
7.770e+05	grapefruit	seven	NA	row_7	grp_b
8.880e+06	honeydew	eight	0.440	row_8	grp_b

How to Do Modifications on Entire Columns

■ Modify Columns

cols_merge()

CODE

```
exibble %>% gt() %>%  
  cols_merge(columns = vars(char, fctr), pattern = "{1} ({2})")
```

TABLE

num	char	date	time	datetime	currency	row	group
1.111e-01	apricot (one)	2015-01-15	13:35	2018-01-01 02:22	49.950	row_1	grp_a
2.222e+00	banana (two)	2015-02-15	14:40	2018-02-02 14:33	17.950	row_2	grp_a
3.333e+01	coconut (three)	2015-03-15	15:45	2018-03-03 03:44	1.390	row_3	grp_a
4.444e+02	durian (four)	2015-04-15	16:50	2018-04-04 15:55	65100.000	row_4	grp_a
5.550e+03	NA (five)	2015-05-15	17:55	2018-05-05 04:00	1325.810	row_5	grp_b
NA	fig (six)	2015-06-15	NA	2018-06-06 16:11	13.255	row_6	grp_b
7.770e+05	grapefruit (seven)	NA	19:10	2018-07-07 05:22	NA	row_7	grp_b
8.880e+06	honeydew (eight)	2015-08-15	20:20	NA	0.440	row_8	grp_b

More Functions

- █ Create Table
- █ Create or Modify Parts
- █ Format Data
- █ Modify Columns
- █ Modify Rows
- █ Add Rows
- █ Helper Functions
- █ Image Addition Functions
- █ Table Option Functions
- █ Information Functions
- █ Datasets
- █ Shiny Functions
- █ Export Functions

There is *a lot* of useful information about each function
in **gt**'s *Function Reference* section

[gt.rstudio.com/reference](http://rstudio.com/reference)

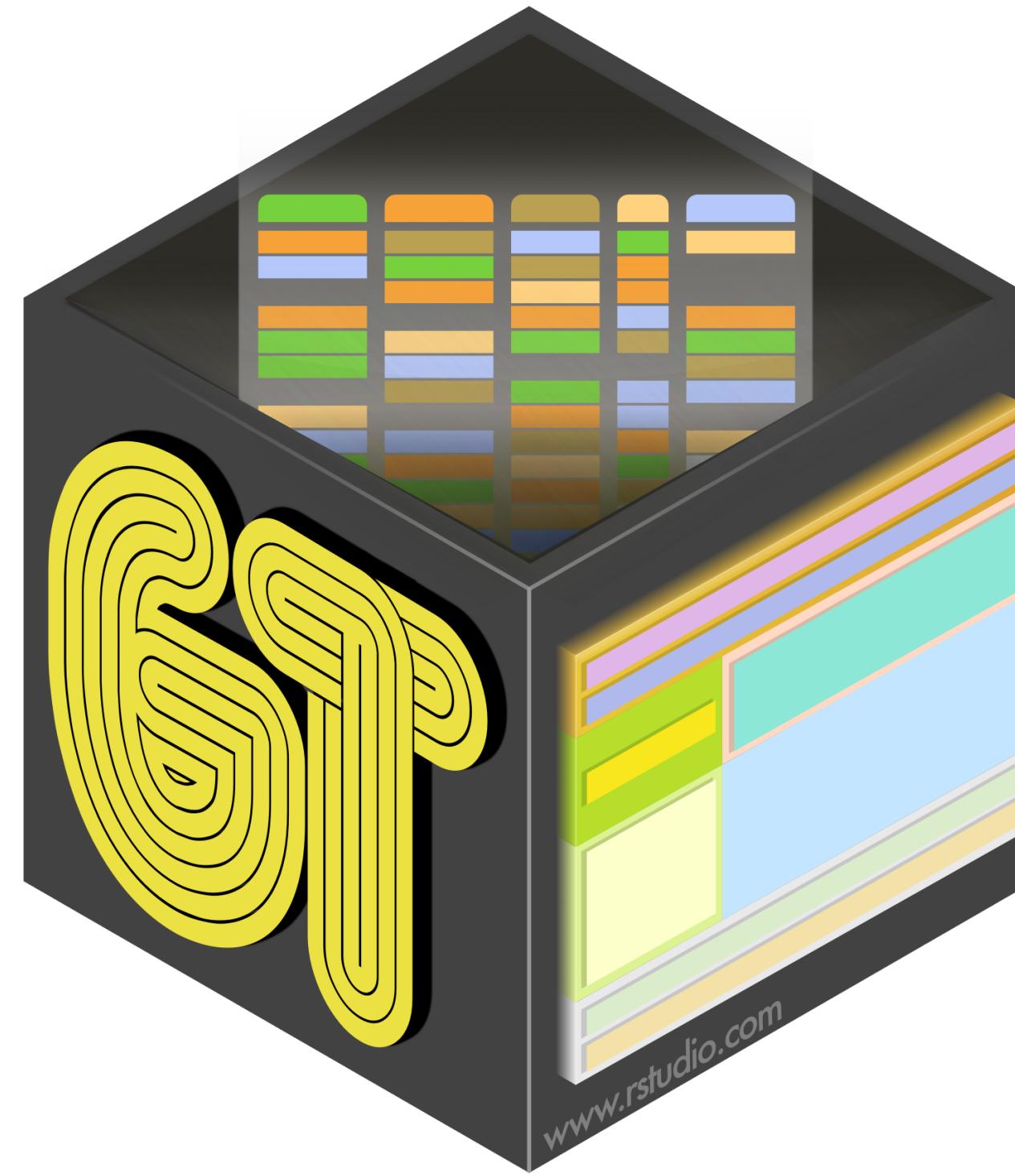
You can try out dozens of examples in RStudio Cloud



The link is available in the package README

github.com/rstudio/gt

Demo



<https://github.com/rich-iannone/presentations>



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