

```
library(tidyverse)
```

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr      1.1.4      v readr      2.1.4
v forcats    1.0.0      v stringr    1.5.1
v ggplot2    3.4.4      v tibble     3.2.1
v lubridate  1.9.3      v tidyr      1.3.0
v purrr      1.0.2
-- Conflicts ----- tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()     masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become
```

```
library(gt)
#library(knitr)
#library(kableExtra)
#library(gtExtras)
```

```
gt(head(iris)) |>
  tab_source_note(source_note = md("Data Source: Powell & Thyne (2011)"))
```

Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
5.1	3.5	1.4	0.2	setosa
4.9	3.0	1.4	0.2	setosa
4.7	3.2	1.3	0.2	setosa
4.6	3.1	1.5	0.2	setosa
5.0	3.6	1.4	0.2	setosa
5.4	3.9	1.7	0.4	setosa

Data Source: Powell & Thyne (2011)

```
mtcars |>
  gt() |>
  cols_label(mpg = "miles per gal",
             cyl = "Number of cylinders",
             disp = "Displacement (cu.in.)",
             hp = "Gross horsepower"
             )
```

miles per gal	Number of cylinders	Displacement (cu.in.)	Gross horsepower	drat	wt	qsec	vs	a
21.0	6	160.0	110	3.90	2.620	16.46	0	
21.0	6	160.0	110	3.90	2.875	17.02	0	
22.8	4	108.0	93	3.85	2.320	18.61	1	
21.4	6	258.0	110	3.08	3.215	19.44	1	
18.7	8	360.0	175	3.15	3.440	17.02	0	
18.1	6	225.0	105	2.76	3.460	20.22	1	
14.3	8	360.0	245	3.21	3.570	15.84	0	
24.4	4	146.7	62	3.69	3.190	20.00	1	
22.8	4	140.8	95	3.92	3.150	22.90	1	
19.2	6	167.6	123	3.92	3.440	18.30	1	
17.8	6	167.6	123	3.92	3.440	18.90	1	
16.4	8	275.8	180	3.07	4.070	17.40	0	
17.3	8	275.8	180	3.07	3.730	17.60	0	
15.2	8	275.8	180	3.07	3.780	18.00	0	
10.4	8	472.0	205	2.93	5.250	17.98	0	
10.4	8	460.0	215	3.00	5.424	17.82	0	
14.7	8	440.0	230	3.23	5.345	17.42	0	
32.4	4	78.7	66	4.08	2.200	19.47	1	
30.4	4	75.7	52	4.93	1.615	18.52	1	
33.9	4	71.1	65	4.22	1.835	19.90	1	
21.5	4	120.1	97	3.70	2.465	20.01	1	
15.5	8	318.0	150	2.76	3.520	16.87	0	
15.2	8	304.0	150	3.15	3.435	17.30	0	
13.3	8	350.0	245	3.73	3.840	15.41	0	
19.2	8	400.0	175	3.08	3.845	17.05	0	
27.3	4	79.0	66	4.08	1.935	18.90	1	
26.0	4	120.3	91	4.43	2.140	16.70	0	
30.4	4	95.1	113	3.77	1.513	16.90	1	
15.8	8	351.0	264	4.22	3.170	14.50	0	
19.7	6	145.0	175	3.62	2.770	15.50	0	
15.0	8	301.0	335	3.54	3.570	14.60	0	
21.4	4	121.0	109	4.11	2.780	18.60	1	

```
# |>
#   as_latex()

mtcars %>%
  select(1:2) |>
  knitr::kable(col.names = c("miles per gal", "Number of cylinders"))
```

Table 1: mtcars

	miles per gal	Number of cylinders
Mazda RX4	21.0	6
Mazda RX4 Wag	21.0	6
Datsun 710	22.8	4
Hornet 4 Drive	21.4	6
Hornet	18.7	8
Sportabout		
Valiant	18.1	6
Duster 360	14.3	8
Merc 240D	24.4	4
Merc 230	22.8	4
Merc 280	19.2	6
Merc 280C	17.8	6
Merc 450SE	16.4	8
Merc 450SL	17.3	8
Merc 450SLC	15.2	8
Cadillac	10.4	8
Fleetwood		
Lincoln	10.4	8
Continental		
Chrysler Imperial	14.7	8
Fiat 128	32.4	4
Honda Civic	30.4	4
Toyota Corolla	33.9	4
Toyota Corona	21.5	4
Dodge	15.5	8
Challenger		
AMC Javelin	15.2	8
Camaro Z28	13.3	8
Pontiac Firebird	19.2	8
Fiat X1-9	27.3	4
Porsche 914-2	26.0	4
Lotus Europa	30.4	4
Ford Pantera L	15.8	8
Ferrari Dino	19.7	6
Maserati Bora	15.0	8
Volvo 142E	21.4	4

```
mtcars |>
  select(1:2) |>
  knitr::kable()

gtcars |>
  select(mfr, model, msrp) |>
  slice(1:5) |>
  gt()

islands_tbl <-
  tibble(
    name = names(islands),
    size = islands
  ) %>%
  arrange(desc(size)) %>%
  slice(1:10)

gt(islands_tbl) %>%
  gtsave('islands.png')

knitr::include_graphics('islands.png')

library(kableExtra)
```

Registered S3 method overwritten by 'webshot':
 method from
 print.webshot webshot2

Attaching package: 'kableExtra'

The following object is masked from 'package:dplyr':

group_rows

```
mtcars[1:8,1:3] |>
  kable("latex", booktabs = T) %>%
  kable_styling(latex_options = "striped") |>
```

Table 2: ?(caption)

	mpg	cyl
Mazda RX4	21.0	6
Mazda RX4 Wag	21.0	6
Datsun 710	22.8	4
Hornet 4 Drive	21.4	6
Hornet	18.7	8
Sportabout		
Valiant	18.1	6
Duster 360	14.3	8
Merc 240D	24.4	4
Merc 230	22.8	4
Merc 280	19.2	6
Merc 280C	17.8	6
Merc 450SE	16.4	8
Merc 450SL	17.3	8
Merc 450SLC	15.2	8
Cadillac	10.4	8
Fleetwood		
Lincoln	10.4	8
Continental		
Chrysler Imperial	14.7	8
Fiat 128	32.4	4
Honda Civic	30.4	4
Toyota Corolla	33.9	4
Toyota Corona	21.5	4
Dodge	15.5	8
Challenger		
AMC Javelin	15.2	8
Camaro Z28	13.3	8
Pontiac Firebird	19.2	8
Fiat X1-9	27.3	4
Porsche 914-2	26.0	4
Lotus Europa	30.4	4
Ford Pantera L	15.8	8
Ferrari Dino	19.7	6
Maserati Bora	15.0	8
Volvo 142E	21.4	4

Table 4: ?(caption)

(a)

mfr	model	msrp
Ford	GT	447000
Ferrari	458 Speciale	291744
Ferrari	458 Spider	263553
Ferrari	458 Italia	233509
Ferrari	488 GTB	245400

Table 5: ?(caption)

name	size
Asia	16988
Africa	11506
North America	9390
South America	6795
Antarctica	5500
Europe	3745
Australia	2968
Greenland	840
New Guinea	306
Borneo	280

Table 6: This is a kable table

	mpg	cyl	disp
Mazda RX4	21.0	6	160.0
Mazda RX4 Wag	21.0	6	160.0
Datsun 710	22.8	4	108.0
Hornet 4 Drive	21.4	6	258.0
Hornet Sportabout	18.7	8	360.0
Valiant	18.1	6	225.0
Duster 360	14.3	8	360.0
Merc 240D	24.4	4	146.7

test

```
collapse_rows(latex_hline = "linespace",
              longtable_clean_cut = T) |>
column_spec(column = 1:4,width = "3cm") |>
footnote(general = "",
        general_title = "test")
```

Usually it is recommended to use `column_spec` before `collapse_rows`, especially in LaTeX, to g