```r
library(tidyverse)
```

```
-- Attaching core tidyverse packages ------------------------ tidyverse 2.0.0 --
v dplyr     1.1.4     v readr     2.1.5
v forcats   1.0.0     v stringr   1.5.1
v ggplot2   3.5.0     v tibble    3.2.1
v lubridate 1.9.3     v tidyr     1.3.1
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 becor
```

```r
library(gtsummary)
library(gt)
```

```r
sm_trial <- trial %>%
  select(trt, age, grade, response)
```

```r
trial |>
  select(-trt) |>
  tbl_summary()
```

```
Table printed with `knitr::kable()`, not {gt}. Learn why at
https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html
To suppress this message, include `message = FALSE` in code chunk header.
```

Characteristic	**N = 200**
Age	47 (38, 57)
Unknown	11
Marker Level (ng/mL)	0.64 (0.22, 1.39)
Unknown	10
T Stage	
T1	53 (27%)
T2	54 (27%)
T3	43 (22%)
T4	50 (25%)
Grade	

Characteristic	**N = 200**
I	68 (34%)
II	68 (34%)
III	64 (32%)
Tumor Response	61 (32%)
Unknown	7
Patient Died	112 (56%)
Months to Death/Censor	22.4 (16.0, 24.0)

```
tbl_summary_2 <-  sm_trial |>
  tbl_summary(
    by = trt,
    type = age ~ "continuous2",
    statistic =
      list(age ~ c("{mean} ({sd})", "{min}, {max}"),
           response ~ "{n} / {N} ({p}%)"),
    label = grade ~ "Pathologic tumor grade",
    digits = age ~ 1
  )

tbl_summary_2 |>
  as_hux_table()
```

```
ferrari <- gtcars |>
  select(
    manufacturer = mfr,
    model,
    year,
    horspower = hp
  ) |>
  filter(manufacturer == "Ferrari") |>
  arrange(horspower)

gt(ferrari)
```

manufacturer	model	year	horspower
Ferrari	California	2015	553
Ferrari	458 Spider	2015	562
Ferrari	458 Italia	2014	562

Ferrari	458 Speciale	2015	597
Ferrari	FF	2015	652
Ferrari	488 GTB	2016	661
Ferrari	GTC4Lusso	2017	680
Ferrari	F12Berlinetta	2015	731
Ferrari	LaFerrari	2015	949

```
ferrari1 <- ferrari |>
  janitor::clean_names("title") |>
  gt() |>
  tab_header(
    title = "Ferrari & Horspower",
    subtitle = "The most powerful cars"
  )
ferrari1
```

Ferrari & Horspower

The most powerful cars

Manufacturer	Model	Year	Horspower
Ferrari	California	2015	553
Ferrari	458 Spider	2015	562
Ferrari	458 Italia	2014	562
Ferrari	458 Speciale	2015	597
Ferrari	FF	2015	652
Ferrari	488 GTB	2016	661
Ferrari	GTC4Lusso	2017	680
Ferrari	F12Berlinetta	2015	731
Ferrari	LaFerrari	2015	949

```
ferrari1 |>
  tab_options(
    #table.width = pct(90),
    data_row.padding = px(5),
    heading.align = "left",
    row.striping.background_color = "lightgray",
    column_labels.background.color = "skyblue",
    heading.title.font.size = px(20)
  ) |>
  tab_style(
```

Characteristic	**Drug A**, N = 98	**Drug B**, N = 102
Age		
Mean (SD)	47.0 (14.7)	47.4 (14.0)
Range	6.0, 78.0	9.0, 83.0
Unknown	7	4
Pathologic tumor grade		
I	35 (36%)	33 (32%)
II	32 (33%)	36 (35%)
III	31 (32%)	33 (32%)
Tumor Response	28 / 95 (29%)	33 / 98 (34%)
Unknown	3	4

n (%); n / N (%)

```
  style = cell_text(
    color = "purple",
    weight = "bold",
    font = google_font("Roboto Condensed")
  ),
  locations = cells_body()
) |>
opt_row_striping()
```

Ferrari & Horspower

The most powerful cars

Manufacturer	Model	Year	Horspower
Ferrari	**California**	**2015**	**553**
Ferrari	**458 Spider**	**2015**	**562**
Ferrari	**458 Italia**	**2014**	**562**
Ferrari	**458 Speciale**	**2015**	**597**
Ferrari	**FF**	**2015**	**652**
Ferrari	**488 GTB**	**2016**	**661**
Ferrari	**GTC4Lusso**	**2017**	**680**

Ferrari	F12Berlinetta	2015	731
Ferrari	LaFerrari	2015	949

```
ferrari |>
  tbl_summary()
```

```
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https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html
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```

Characteristic	**N = 9**
manufacturer	
Ferrari	9 (100%)
model	
458 Italia	1 (11%)
458 Speciale	1 (11%)
458 Spider	1 (11%)
488 GTB	1 (11%)
California	1 (11%)
F12Berlinetta	1 (11%)
FF	1 (11%)
GTC4Lusso	1 (11%)
LaFerrari	1 (11%)
year	
2014	1 (11%)
2015	6 (67%)
2016	1 (11%)
2017	1 (11%)
horspower	
553	1 (11%)
562	2 (22%)
597	1 (11%)
652	1 (11%)
661	1 (11%)
680	1 (11%)
731	1 (11%)
949	1 (11%)

```
ferrari |>
  tbl_summary() |>
  as_hux_table()
```

```
ferrari |>
  tbl_summary() |>
  as_flex_table()
```

Characteristic	**N = 9**[1]
manufacturer	
Ferrari	9 (100%)
model	
458 Italia	1 (11%)
458 Speciale	1 (11%)
458 Spider	1 (11%)
488 GTB	1 (11%)
California	1 (11%)
F12Berlinetta	1 (11%)
FF	1 (11%)
GTC4Lusso	1 (11%)
LaFerrari	1 (11%)
year	
2014	1 (11%)
2015	6 (67%)
2016	1 (11%)
2017	1 (11%)
horspower	
553	1 (11%)
562	2 (22%)
597	1 (11%)

Characteristic	N = 9[1]
652	1 (11%)
661	1 (11%)
680	1 (11%)
731	1 (11%)
949	1 (11%)

[1]n (%)

```
ferrari |>
  tbl_summary() |>
  as_kable()
```

Characteristic	N = 9
manufacturer	
Ferrari	9 (100%)
model	
458 Italia	1 (11%)
458 Speciale	1 (11%)
458 Spider	1 (11%)
488 GTB	1 (11%)
California	1 (11%)
F12Berlinetta	1 (11%)
FF	1 (11%)
GTC4Lusso	1 (11%)
LaFerrari	1 (11%)
year	
2014	1 (11%)
2015	6 (67%)
2016	1 (11%)
2017	1 (11%)
horspower	
553	1 (11%)
562	2 (22%)
597	1 (11%)
652	1 (11%)
661	1 (11%)
680	1 (11%)

Characteristic	N = 9
731	1 (11%)
949	1 (11%)

```
ferrari |>
  tbl_summary() |>
  as_gt()
```

Characteristic	N = 9[1]
manufacturer	
Ferrari	9 (100%)
model	
458 Italia	1 (11%)
458 Speciale	1 (11%)
458 Spider	1 (11%)
488 GTB	1 (11%)
California	1 (11%)
F12Berlinetta	1 (11%)
FF	1 (11%)
GTC4Lusso	1 (11%)
LaFerrari	1 (11%)
year	
2014	1 (11%)
2015	6 (67%)
2016	1 (11%)
2017	1 (11%)
horspower	
553	1 (11%)
562	2 (22%)
597	1 (11%)
652	1 (11%)
661	1 (11%)
680	1 (11%)
731	1 (11%)
949	1 (11%)

[1] n (%)

```
ferrari |>
  tbl_summary() |>
  as_kable_extra()
```

Characteristic	**N = 9**
manufacturer	
Ferrari	9 (100%)
model	
458 Italia	1 (11%)
458 Speciale	1 (11%)
458 Spider	1 (11%)
488 GTB	1 (11%)
California	1 (11%)
F12Berlinetta	1 (11%)
FF	1 (11%)
GTC4Lusso	1 (11%)
LaFerrari	1 (11%)
year	
2014	1 (11%)
2015	6 (67%)
2016	1 (11%)
2017	1 (11%)
horspower	
553	1 (11%)
562	2 (22%)
597	1 (11%)
652	1 (11%)
661	1 (11%)
680	1 (11%)
731	1 (11%)
949	1 (11%)

[1] n (%)

Characteristic	**N = 9**
manufacturer	
Ferrari	9 (100%)
model	
458 Italia	1 (11%)
458 Speciale	1 (11%)
458 Spider	1 (11%)
488 GTB	1 (11%)
California	1 (11%)
F12Berlinetta	1 (11%)
FF	1 (11%)
GTC4Lusso	1 (11%)
LaFerrari	1 (11%)
year	
2014	1 (11%)
2015	6 (67%)
2016	1 (11%)
2017	1 (11%)
horspower	
553	1 (11%)
562	2 (22%)
597	1 (11%)
652	1 (11%)
661	1 (11%)
680	1 (11%)
731	1 (11%)
949	1 (11%)

n (%)