gt_table_demo_from_vscode_export_2

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1 gt Table Demo

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[ ]:
```
# data analysis imports
library(tidyverse)
library(magrittr)

# formatting tables
library(gt)

# color palettes
library(scales)
```

[ ]:
```
install.packages('')
```

[ ]:
```
# create test data
data <- data.frame(
  outcome_statement = c(
    "This is a very long outcome statement which will require a wide column if␣
 ↪it remains in one line",
    "This is a second very long outcome statement which will require a wide␣
 ↪column if it remains in one line",
    "This is a third very long outcome statement which will require a wide␣
 ↪column if it remains in one line"),
  value_1 = c(1000,2000,3000),
  value_2 = c(450000,300,5000),
  value_3 = c(8500, 750, 25)
)
```

[ ]:
```
# helper function
gts <- function(gt_table){
   gt:::as.tags.gt_tbl(gt_table)
}
```

[ ]:
```
# create gt table output
data %>%
    gt() %>%
```

```
  tab_options(
      column_labels.font.weight = "bold",
      table.width = pct(100)
  ) %>%
  tab_style(
      style = cell_borders(
          sides = c("bottom", "right"),
          color = "#bfbfbf"
      ),
      locations = cells_body(
          columns = everything(),
          rows = everything()
      )
  ) %>%
  tab_header(
      title = "Three Values for Different Outcomes"
  ) %>%
  data_color(
      columns = c(
          value_1,
          value_2,
          value_3),
      #colors = col_bin(colorRamp(c("#fff8eb", "#fdb734"),␣
↪interpolate="spline"), domain = c(0,5005), bins = 6)
      colors = col_factor(colorRamp(c("#fff8eb", "#fdb734"),␣
↪interpolate="spline"), domain = NULL)
  ) %>%
  tab_footnote(
      footnote = "Description of Value 1",
      locations = cells_column_labels(
          columns = value_1
      )
  ) %>%
  tab_footnote(
      footnote = "Description of Value 2",
      locations = cells_column_labels(
          columns = value_2
      )
  ) %>%
  tab_footnote(
      footnote = "Description of Value 3",
      locations = cells_column_labels(
          columns = value_3
      )
  ) %>%
  cols_label(
      outcome_statement = "Outcome Statement",
```

```
        value_1 = "Value 1",
        value_2 = "Value 2",
        value_3 = "Value 3"
    )
```

$‘__data‘ A tibble: 3 x 4

outcome_statement
<chr>
This is a very long outcome statement which will require a wide column if it remains i
This is a second very long outcome statement which will require a wide column if it re
This is a third very long outcome statement which will require a wide column if it rem

$‘__boxhead‘ A tibble: 4 x 6

var	type	column_label	column_align	column_wi
<chr>	<chr>	<list>	<chr>	<list>
outcome_statement	default	Outcome Statement	left	NULL
value_1	default	Value 1	right	NULL
value_2	default	Value 2	right	NULL
value_3	default	Value 3	right	NULL

$‘__stub_df‘ A tibble: 3 x 6

rownum_i	row_id	group_id	group_label	indent	built_group_label
<int>	<chr>	<chr>	<list>	<chr>	<chr>
1	NA	NA	NULL	NA	NA
2	NA	NA	NULL	NA	NA
3	NA	NA	NULL	NA	NA

$‘__row_groups‘

$‘__heading‘ $title ’Three Values for Different Outcomes’

$subtitle NULL

$preheader NULL

$‘__spanners‘ A tibble: 0 x 6

vars	spanner_label	spanner_id	spanner_level	gather	built
<list>	<list>	<chr>	<int>	<lgl>	<chr>

$‘__stubhead‘ NA

$‘__footnotes‘ A tibble: 3 x 8

locname	grpname	colname	locnum	rownum	colnum	footnotes
<chr>	<chr>	<chr>	<dbl>	<int>	<int>	<list>
columns_columns	NA	value_1	4	NA	NA	Descripti
columns_columns	NA	value_2	4	NA	NA	Descripti
columns_columns	NA	value_3	4	NA	NA	Descripti

$‘__source_notes‘

$‘__formats‘

$‘__substitutions‘

$'_styles' A tibble: 30 x 7

locname <chr>	grpname <chr>	colname <chr>	locnum <dbl>	rownum <int>	colnum <int>	styles <list>
data	NA	outcome_statement	5	1	NA	bottom ,
data	NA	value_1	5	1	NA	bottom ,
data	NA	value_2	5	1	NA	bottom ,
data	NA	value_3	5	1	NA	bottom ,
data	NA	outcome_statement	5	2	NA	bottom ,
data	NA	value_1	5	2	NA	bottom ,
data	NA	value_2	5	2	NA	bottom ,
data	NA	value_3	5	2	NA	bottom ,
data	NA	outcome_statement	5	3	NA	bottom ,
data	NA	value_1	5	3	NA	bottom ,
data	NA	value_2	5	3	NA	bottom ,
data	NA	value_3	5	3	NA	bottom ,
data	NA	value_1	5	1	NA	#FFF8EI
data	NA	value_1	5	2	NA	#FED890
data	NA	value_1	5	3	NA	#FDB734
data	NA	value_1	5	1	NA	#000000
data	NA	value_1	5	2	NA	#000000
data	NA	value_1	5	3	NA	#000000
data	NA	value_2	5	1	NA	#FDB734
data	NA	value_2	5	2	NA	#FFF8EI
data	NA	value_2	5	3	NA	#FED890
data	NA	value_2	5	1	NA	#000000
data	NA	value_2	5	2	NA	#000000
data	NA	value_2	5	3	NA	#000000
data	NA	value_3	5	1	NA	#FDB734
data	NA	value_3	5	2	NA	#FED890
data	NA	value_3	5	3	NA	#FFF8EI
data	NA	value_3	5	1	NA	#000000
data	NA	value_3	5	2	NA	#000000
data	NA	value_3	5	3	NA	#000000

$'_summary'

$'_options' A tibble: 171 x 5

parameter <chr>	value <list>
table_width	100%
column_labels_font_weight	bold
container_width	auto
container_height	auto
container_padding_x	0px
container_padding_y	10px
container_overflow_x	auto
container_overflow_y	auto
table_id	NA
table_caption	NA
table_layout	fixed
table_margin_left	auto
table_margin_right	auto
table_background_color	#FFFFFF
table_additional_css	
table_font_names	-apple-system , BlinkMacSystemFont, Se
table_font_size	16px
table_font_weight	normal
table_font_style	normal
table_font_color	#333333
table_font_color_light	#FFFFFF
table_border_top_include	TRUE
table_border_top_style	solid
table_border_top_width	2px
table_border_top_color	#A8A8A8
table_border_right_style	none
table_border_right_width	2px
table_border_right_color	#D3D3D3
table_border_bottom_include	TRUE
table_border_bottom_style	solid
...	...
footnotes_marks	numbers
footnotes_multiline	TRUE
footnotes_sep	
source_notes_padding	4px
source_notes_padding_horizontal	5px
source_notes_background_color	NA
source_notes_font_size	90%
source_notes_border_bottom_style	none
source_notes_border_bottom_width	2px
source_notes_border_bottom_color	#D3D3D3
source_notes_border_lr_style	none
source_notes_border_lr_width	2px
source_notes_border_lr_color	#D3D3D3
source_notes_multiline	TRUE
source_notes_sep	
row_striping_background_color	rgba(128,128,128,0.05)
row_striping_include_stub	FALSE
row_striping_include_table_body	FALSE
page_orientation	portrait
page_numbering	FALSE

$‘__transforms‘

$‘__locale‘ NA

$‘__has__built‘ FALSE