

gt_table_demo

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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('')
```

```
[2]: # 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)
)
```

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

```
[6]: # 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"  
) %>%  
gts()
```

Shiny tags cannot be represented in plain text (need html)