

add_header_above

```
library(knitr)
library(kableExtra)
options(knitr.table.format = "latex",
        kable_styling_latex_options = c("striped", "hold_position"),
        kable_styling_full_width = T)
# switch to "latex" in a pdf environment
dt <- mtcars[1:5, 1:4]

kable(dt, format = "latex", booktabs = T, caption = "Demo Table") %>%
  kable_styling() %>%
  add_header_above(c(" ", "Group 1" = 2, "Group 2[note]" = 2)) %>%
  add_footnote(c("table footnote"))
```

Table 1: Demo Table

	Group 1		Group 2 ^a	
	mpg	cyl	disp	hp
Mazda RX4	21.0	6	160	110
Mazda RX4 Wag	21.0	6	160	110
Datsun 710	22.8	4	108	93
Hornet 4 Drive	21.4	6	258	110
Hornet Sportabout	18.7	8	360	175

^a table footnote

```
kable(dt, format = "latex", booktabs = T) %>%
  add_header_above(c(" ", "a" = 2, "b" = 2)) %>%
  kable_styling()
```

	a		b	
	mpg	cyl	disp	hp
Mazda RX4	21.0	6	160	110
Mazda RX4 Wag	21.0	6	160	110
Datsun 710	22.8	4	108	93
Hornet 4 Drive	21.4	6	258	110
Hornet Sportabout	18.7	8	360	175

```
kable(dt, format = "latex", booktabs = T, longtable = T, caption = "aaa") %>%
  add_header_above(c(" ", "a" = 2, "b" = 2)) %>%
  kable_styling()
```

Table 2: aaa

	a		b	
	mpg	cyl	disp	hp
Mazda RX4	21.0	6	160	110
Mazda RX4 Wag	21.0	6	160	110

Datsun 710	22.8	4	108	93
Hornet 4 Drive	21.4	6	258	110
Hornet Sportabout	18.7	8	360	175

```
kable(dt, format = "latex", booktabs = T, caption = "aaa") %>%
  add_header_above(c(" ", "a" = 2, "b" = 2)) %>%
  kable_styling()
```

Table 3: aaa

	a		b	
	mpg	cyl	disp	hp
Mazda RX4	21.0	6	160	110
Mazda RX4 Wag	21.0	6	160	110
Datsun 710	22.8	4	108	93
Hornet 4 Drive	21.4	6	258	110
Hornet Sportabout	18.7	8	360	175