# Tables

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## 6/12/20202

This is a more complex example of making tables.

```
library(knitr)
library(kableExtra)
library(xtable)
output.type <- knitr::opts_knit$get('rmarkdown.pandoc.to')
output.type
```

```
## [1] "latex"
```

Here I'll use a data from from a R data set, but in practice your data frame would come from a function.

```
a <- mtcars[1:7, 1:6]
```

Default **kable** table.

```
knitr::kable(a)
```

|                   | mpg  | cyl | disp | hp  | drat | wt    |
|-------------------|------|-----|------|-----|------|-------|
| Mazda RX4         | 21.0 | 6   | 160  | 110 | 3.90 | 2.620 |
| Mazda RX4 Wag     | 21.0 | 6   | 160  | 110 | 3.90 | 2.875 |
| Datsun 710        | 22.8 | 4   | 108  | 93  | 3.85 | 2.320 |
| Hornet 4 Drive    | 21.4 | 6   | 258  | 110 | 3.08 | 3.215 |
| Hornet Sportabout | 18.7 | 8   | 360  | 175 | 3.15 | 3.440 |
| Valiant           | 18.1 | 6   | 225  | 105 | 2.76 | 3.460 |
| Duster 360        | 14.3 | 8   | 360  | 245 | 3.21 | 3.570 |

This is the table with **xtable** for LaTeX and **kableExtra** for html.

Table 1: My table caption 2020-06-12

| mpg | cyl | disp | hp  | drat | wt |
|-----|-----|------|-----|------|----|
| 21  | 6   | 160  | 110 | 4    | 3  |
| 21  | 6   | 160  | 110 | 4    | 3  |
| 23  | 4   | 108  | 93  | 4    | 2  |
| 21  | 6   | 258  | 110 | 3    | 3  |
| 19  | 8   | 360  | 175 | 3    | 3  |
| 18  | 6   | 225  | 105 | 3    | 3  |
| 14  | 8   | 360  | 245 | 3    | 4  |

Table 2: My table caption 2020-06-12

| mpg | cyl | disp | hp | drat | wt |
|---|---|---|---|---|---|
| 21 | 6 | 160 | 110 | 4 | 3 |
| 21 | 6 | 160 | 110 | 4 | 3 |
| 23 | 4 | 108 | 93 | 4 | 2 |
| 21 | 6 | 258 | 110 | 3 | 3 |
| 19 | 8 | 360 | 175 | 3 | 3 |
| 18 | 6 | 225 | 105 | 3 | 3 |
| 14 | 8 | 360 | 245 | 3 | 4 |