My Amazing Report

2018-10-26

## Grab Some Cars Data

Just as an example:

mtcars %>%  
 rownames\_to\_column('car\_name') %>%  
 filter(cyl >= params$min\_cyl) %>%  
 select(car\_name, mpg, disp, hp) ->  
 my\_cars   
  
head(my\_cars,3)

## car\_name mpg disp hp  
## 1 Hornet Sportabout 18.7 360.0 175  
## 2 Duster 360 14.3 360.0 245  
## 3 Merc 450SE 16.4 275.8 180

## Flextable Output

Flextable has two table making functions:

1. flextable
2. regulartable - supports set\_formatter

| **car\_name** | **mpg** | **disp** | **hp** |
| --- | --- | --- | --- |
| Hornet Sportabout | 18.7 | 360 | 175 |
| Duster 360 | 14.3 | 360 | 245 |
| Merc 450SE | 16.4 | 276 | 180 |
| Merc 450SL | 17.3 | 276 | 180 |
| Merc 450SLC | 15.2 | 276 | 180 |
| Cadillac Fleetwood | 10.4 | 472 | 205 |
| Lincoln Continental | 10.4 | 460 | 215 |
| Chrysler Imperial | 14.7 | 440 | 230 |
| Dodge Challenger | 15.5 | 318 | 150 |
| AMC Javelin | 15.2 | 304 | 150 |
| Camaro Z28 | 13.3 | 350 | 245 |
| Pontiac Firebird | 19.2 | 400 | 175 |
| Ford Pantera L | 15.8 | 351 | 264 |
| Maserati Bora | 15.0 | 301 | 335 |

Children are evaluated in the context (namespace etc.) of the parent

## This group has 6 cylinders:

| **car\_name** | **mpg** | **disp** | **hp** |
| --- | --- | --- | --- |
| Mazda RX4 | 21.0 | 160 | 110 |
| Mazda RX4 Wag | 21.0 | 160 | 110 |
| Hornet 4 Drive | 21.4 | 258 | 110 |

## This group has 4 cylinders:

| **car\_name** | **mpg** | **disp** | **hp** |
| --- | --- | --- | --- |
| Datsun 710 | 22.8 | 108 | 93 |
| Merc 240D | 24.4 | 147 | 62 |
| Merc 230 | 22.8 | 141 | 95 |

## This group has 8 cylinders:

| **car\_name** | **mpg** | **disp** | **hp** |
| --- | --- | --- | --- |
| Hornet Sportabout | 18.7 | 360 | 175 |
| Duster 360 | 14.3 | 360 | 245 |
| Merc 450SE | 16.4 | 276 | 180 |