## Tibble Exploration

## Martin 10/09/2019

## Print out gapminder data:

```
## # A tibble: 1,704 x 6
##
      country
                  continent year lifeExp
                                                pop gdpPercap
##
      <fct>
                  <fct>
                             <int>
                                     <dbl>
                                               <int>
                                                         <dbl>
##
   1 Afghanistan Asia
                             1952
                                      28.8 8425333
                                                          779.
    2 Afghanistan Asia
                             1957
                                      30.3 9240934
                                                          821.
##
##
    3 Afghanistan Asia
                              1962
                                      32.0 10267083
                                                          853.
    4 Afghanistan Asia
                              1967
                                      34.0 11537966
                                                          836.
    5 Afghanistan Asia
                              1972
                                      36.1 13079460
                                                          740.
##
    6 Afghanistan Asia
                              1977
                                      38.4 14880372
                                                          786.
##
   7 Afghanistan Asia
                                                          978.
                              1982
                                      39.9 12881816
    8 Afghanistan Asia
                              1987
                                      40.8 13867957
                                                          852.
   9 Afghanistan Asia
                              1992
                                      41.7 16317921
                                                          649.
## 10 Afghanistan Asia
                              1997
                                      41.8 22227415
                                                          635.
## # ... with 1,694 more rows
```

Convert mtcars to a tibble, and wrap in data table:

## mtcars

```
##
                        mpg cyl disp hp drat
                                                   wt
                                                       qsec vs am gear carb
## Mazda RX4
                       21.0
                              6 160.0 110 3.90 2.620 16.46
## Mazda RX4 Wag
                       21.0
                              6 160.0 110 3.90 2.875 17.02
                                                                          4
## Datsun 710
                       22.8
                              4 108.0 93 3.85 2.320 18.61
                              6 258.0 110 3.08 3.215 19.44
## Hornet 4 Drive
                       21.4
                                                                          1
                                                                          2
## Hornet Sportabout
                       18.7
                              8 360.0 175 3.15 3.440 17.02
                                                                     3
## Valiant
                       18.1
                              6 225.0 105 2.76 3.460 20.22
                                                                0
                                                                          1
## Duster 360
                       14.3
                              8 360.0 245 3.21 3.570 15.84
## Merc 240D
                       24.4
                              4 146.7
                                       62 3.69 3.190 20.00
                                                                Λ
                                                                          2
## Merc 230
                       22.8
                              4 140.8 95 3.92 3.150 22.90
                                                                0
## Merc 280
                       19.2
                              6 167.6 123 3.92 3.440 18.30
                                                                          4
                              6 167.6 123 3.92 3.440 18.90
## Merc 280C
                       17.8
## Merc 450SE
                       16.4
                              8 275.8 180 3.07 4.070 17.40
                                                                          3
                                                                          3
## Merc 450SL
                       17.3
                              8 275.8 180 3.07 3.730 17.60
                                                                     3
## Merc 450SLC
                       15.2
                              8 275.8 180 3.07 3.780 18.00
                                                                          3
## Cadillac Fleetwood 10.4
                              8 472.0 205 2.93 5.250 17.98
## Lincoln Continental 10.4
                              8 460.0 215 3.00 5.424 17.82
## Chrysler Imperial
                       14.7
                              8 440.0 230 3.23 5.345 17.42
                                                                          4
## Fiat 128
                       32.4
                              4 78.7
                                       66 4.08 2.200 19.47
## Honda Civic
                       30.4
                              4 75.7
                                       52 4.93 1.615 18.52
                                                                          2
                                                                     4
## Toyota Corolla
                       33.9
                                 71.1
                                       65 4.22 1.835 19.90
                                                                          1
## Toyota Corona
                       21.5
                              4 120.1
                                                                     3
                                                                          1
                                       97 3.70 2.465 20.01
                                                                     3
                                                                          2
## Dodge Challenger
                       15.5
                              8 318.0 150 2.76 3.520 16.87
## AMC Javelin
                       15.2
                              8 304.0 150 3.15 3.435 17.30
                                                             0
                                                                Ω
                                                                     3
                                                                          2
## Camaro Z28
                       13.3
                              8 350.0 245 3.73 3.840 15.41
```

##	Pontiac Firebird	19.2	8	400.0	175	3.08	3.845	17.05	0	0	3	2
##	Fiat X1-9	27.3	4	79.0	66	4.08	1.935	18.90	1	1	4	1
##	Porsche 914-2	26.0	4	120.3	91	4.43	2.140	16.70	0	1	5	2
##	Lotus Europa	30.4	4	95.1	113	3.77	1.513	16.90	1	1	5	2
##	Ford Pantera L	15.8	8	351.0	264	4.22	3.170	14.50	0	1	5	4
##	Ferrari Dino	19.7	6	145.0	175	3.62	2.770	15.50	0	1	5	6
##	Maserati Bora	15.0	8	301.0	335	3.54	3.570	14.60	0	1	5	8
##	: Volvo 142E	21.4	4	121.0	109	4.11	2.780	18.60	1	1	4	2