RStudio

Go to file/function | Addins | Project: (None)

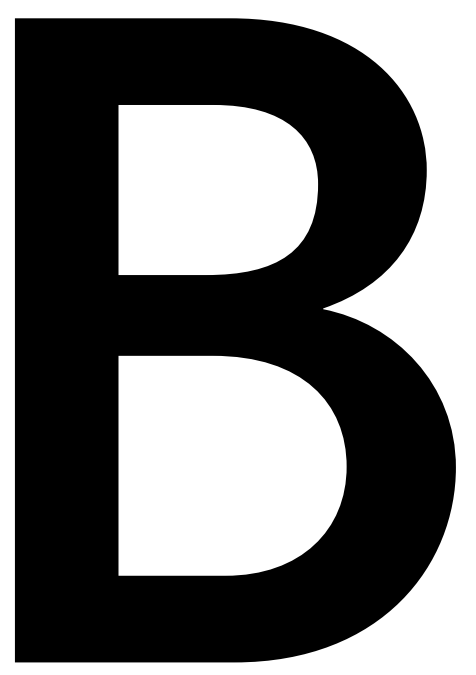
Untitled1* | . | Untitled2*

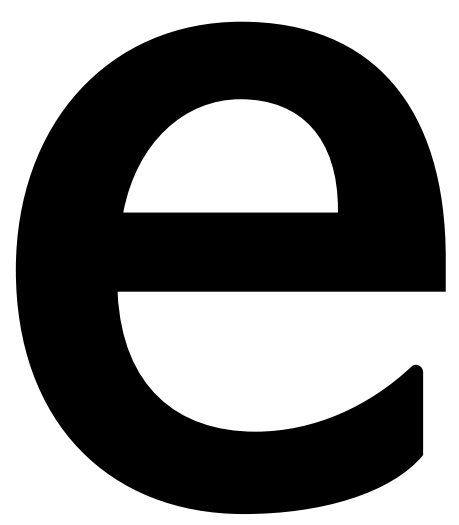
Filter

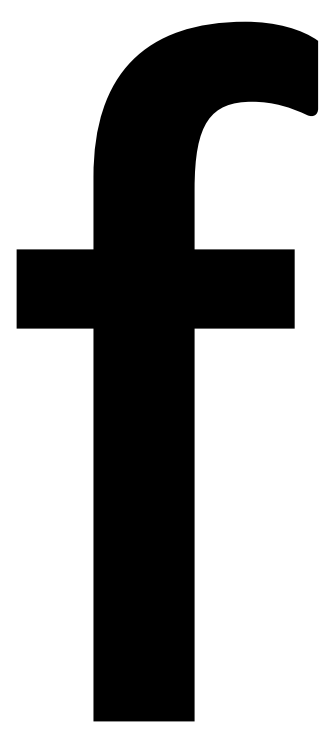
	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
Mazda RX4	21.0	6	160.0	110	3.90	2.620	16.46	0	1	4	4
Mazda RX4 Wag	21.0	6	160.0	110	3.90	2.875	17.02	0	1	4	4
Datsun 710	22.8	4	108.0	93	3.85	2.320	18.61	1	1	4	1
Hornet 4 Drive	21.4	6	258.0	110	3.08	3.215	19.44	1	0	3	1
Hornet Sportabout	18.7	8	360.0	175	3.15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

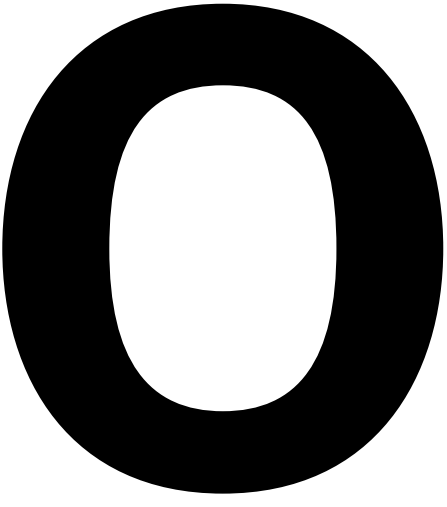
Showing 1 to 22 of 32 entries, 11 total columns

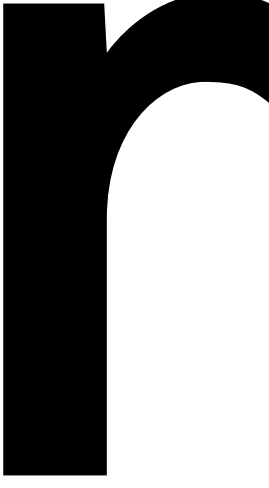
Console

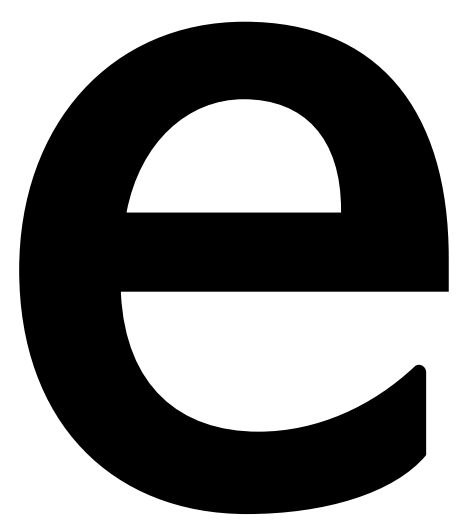

B











RStudio

Go to file/function | Addins | Project: (None)

Untitled1* | Untitled2*

Source on Save | Run | Source

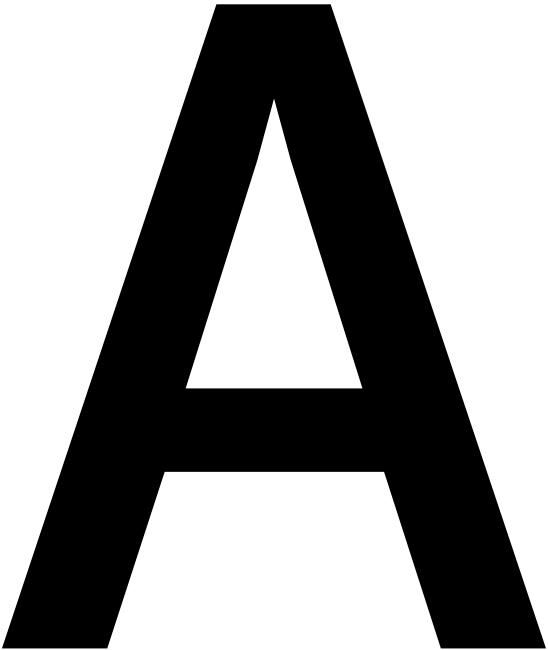
```
1  mpg_group <- cut(mtcars$mpg,
2                   breaks = c(-Inf, 15, 20, 25, 30, Inf),
3                   labels = c("~15", "15~20", "20~25", "25~30", "30~"))
4
5  d <- data.frame(
6    mpg_group = levels(mpg_group),
7    n = c(table(mpg_group)),
8    prop = c(prop.table(table(mpg_group)))
9  )
10
11 d
12
```

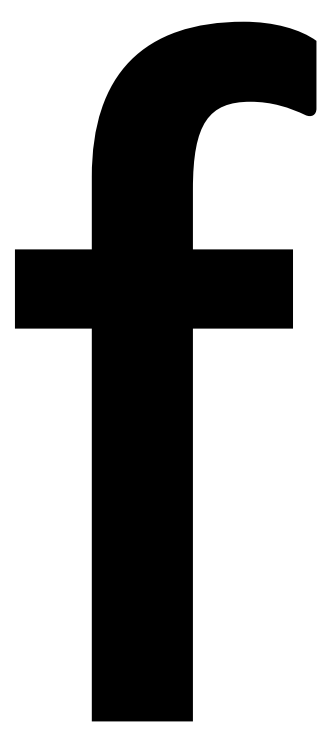
12:1 (Top Level) R Script

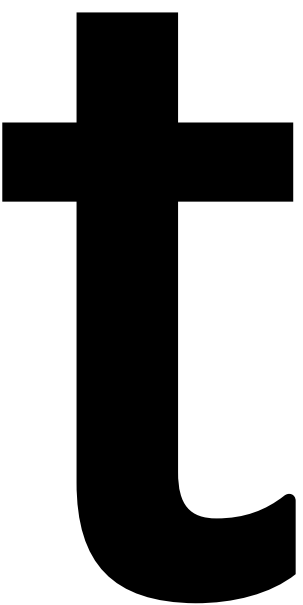
Console | Terminal | Jobs

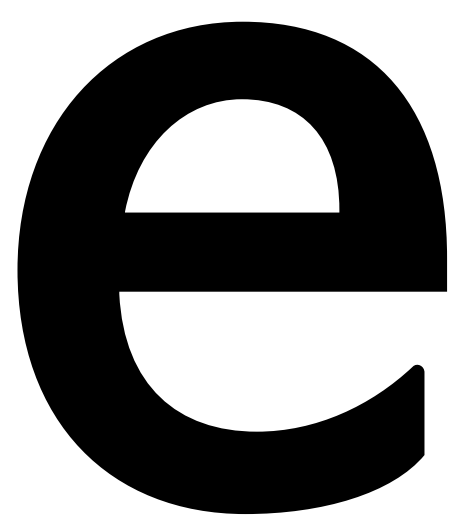
~/

```
> d
      mpg_group  n   prop
~15         ~15  6 0.1875
15~20     15~20 12 0.3750
20~25     20~25  8 0.2500
25~30     25~30  2 0.0625
30~         30~  4 0.1250
>
```









RStudio

Go to file/function | Addins | Project: (None)

Untitled1* | Untitled2*

Source on Save | Run | Source

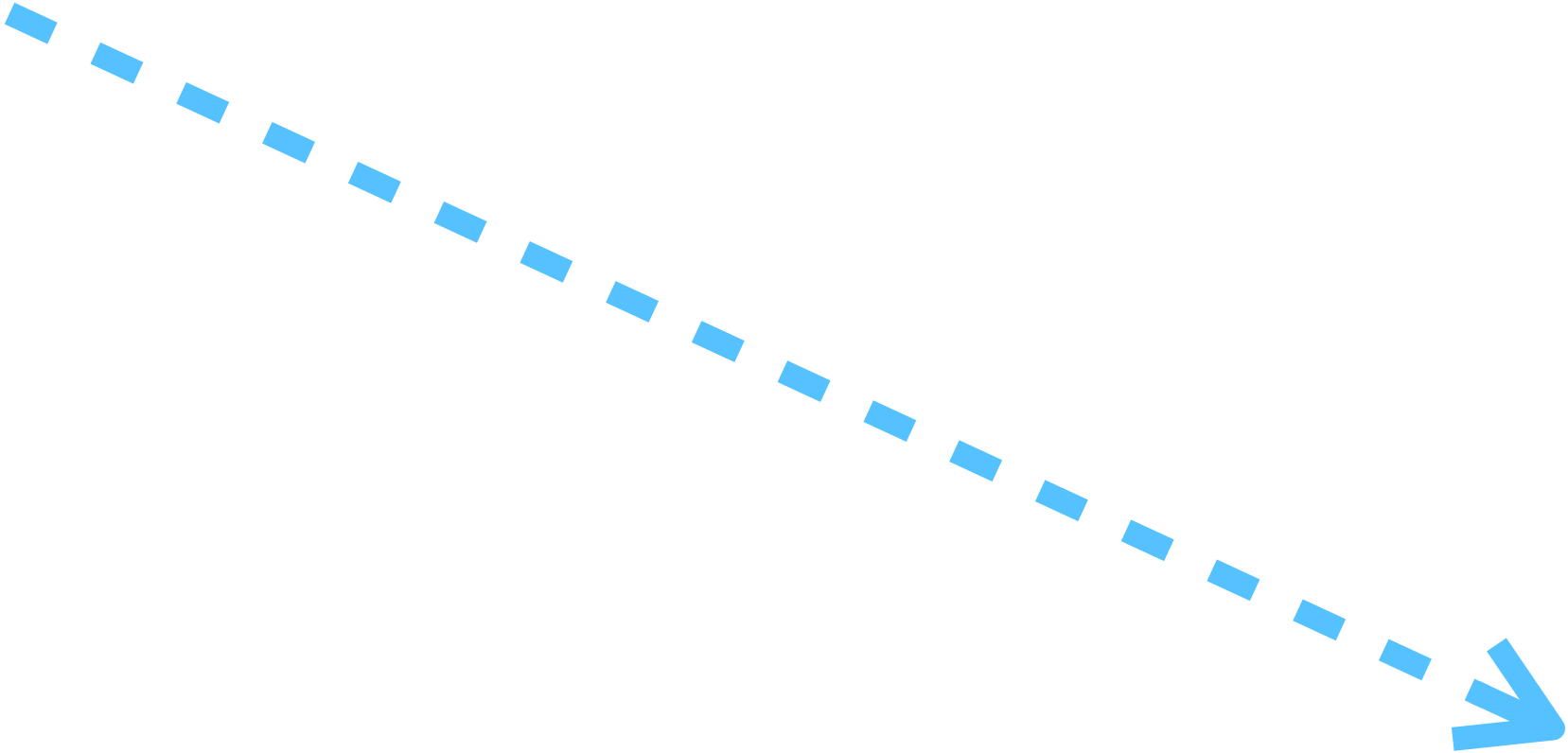
```
1  d <- mtcars %>%
2    mutate(mpg_group = cut(mpg,
3                           breaks = c(-Inf, 15, 20, 25, 30, Inf),
4                           labels = c("~15", "15~20", "20~25", "25~30", "30~"))) %>%
5    count(mpg_group) %>%
6    mutate(prop = n / sum(n))
7
8  d
```

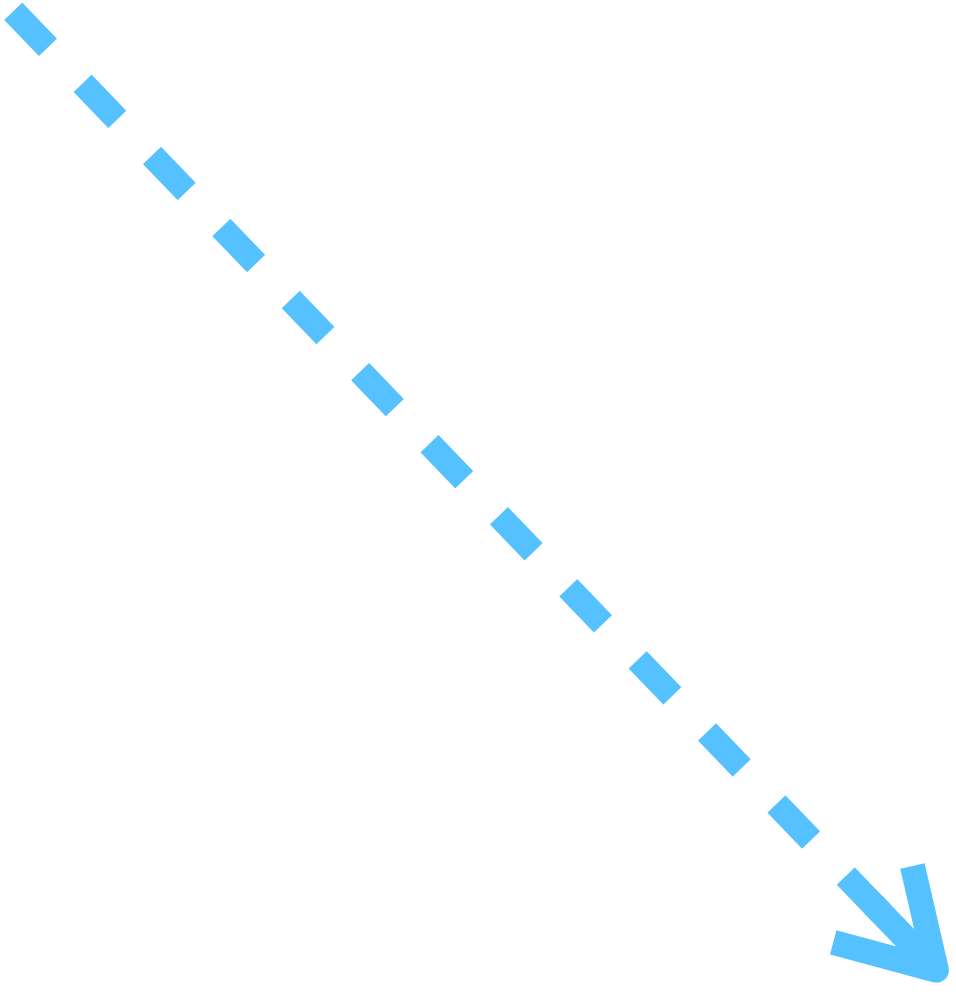
8:2 (Top Level) R Script

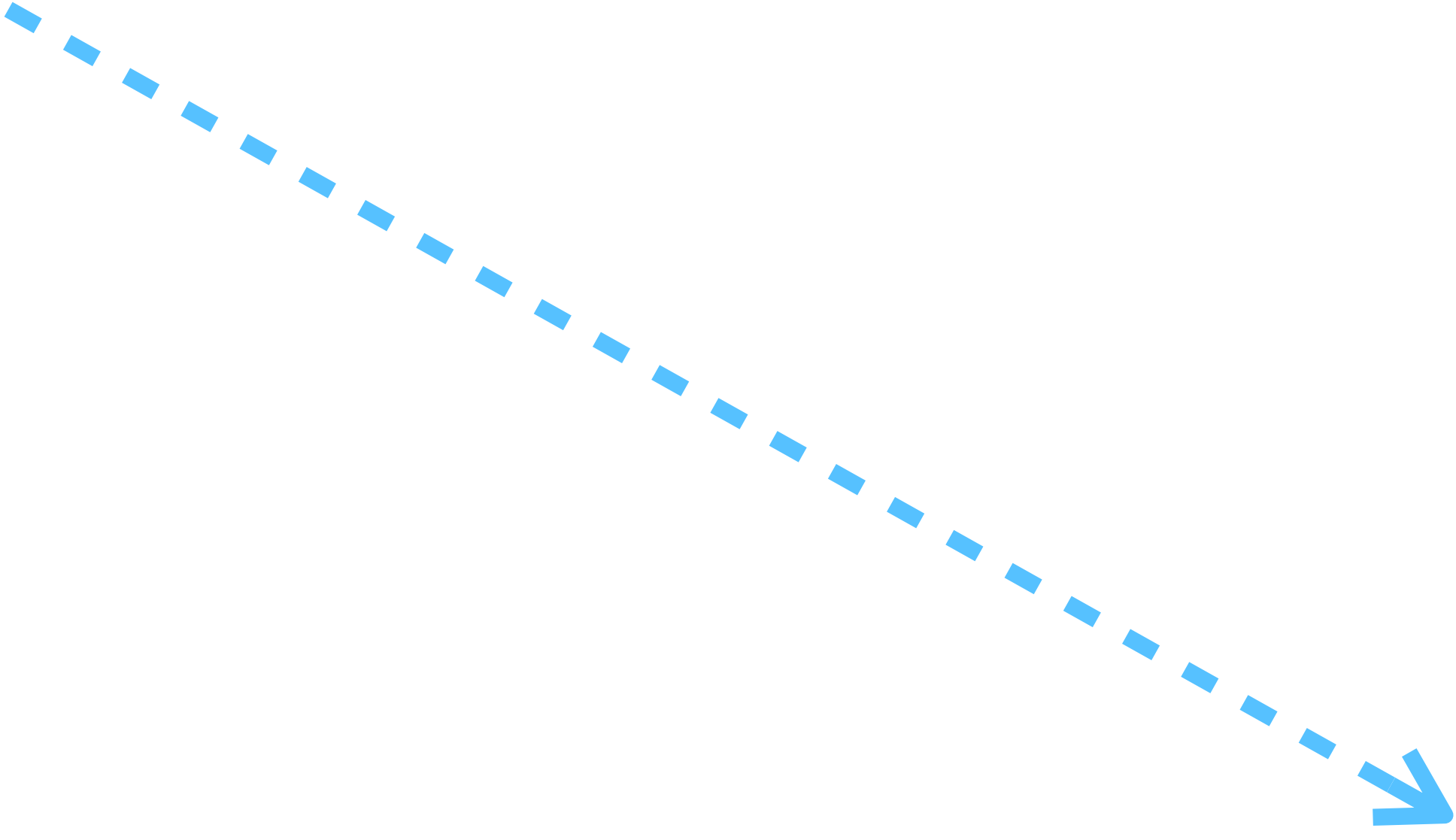
Console | Terminal | Jobs

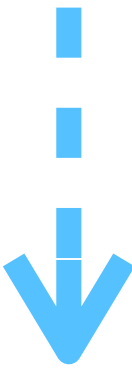
~/

```
> d
# A tibble: 5 x 3
  mpg_group     n   prop
  <fct>     <int>  <dbl>
1 ~15           6 0.188
2 15~20        12 0.375
3 20~25         8 0.25
4 25~30         2 0.0625
5 30~           4 0.125
>
```



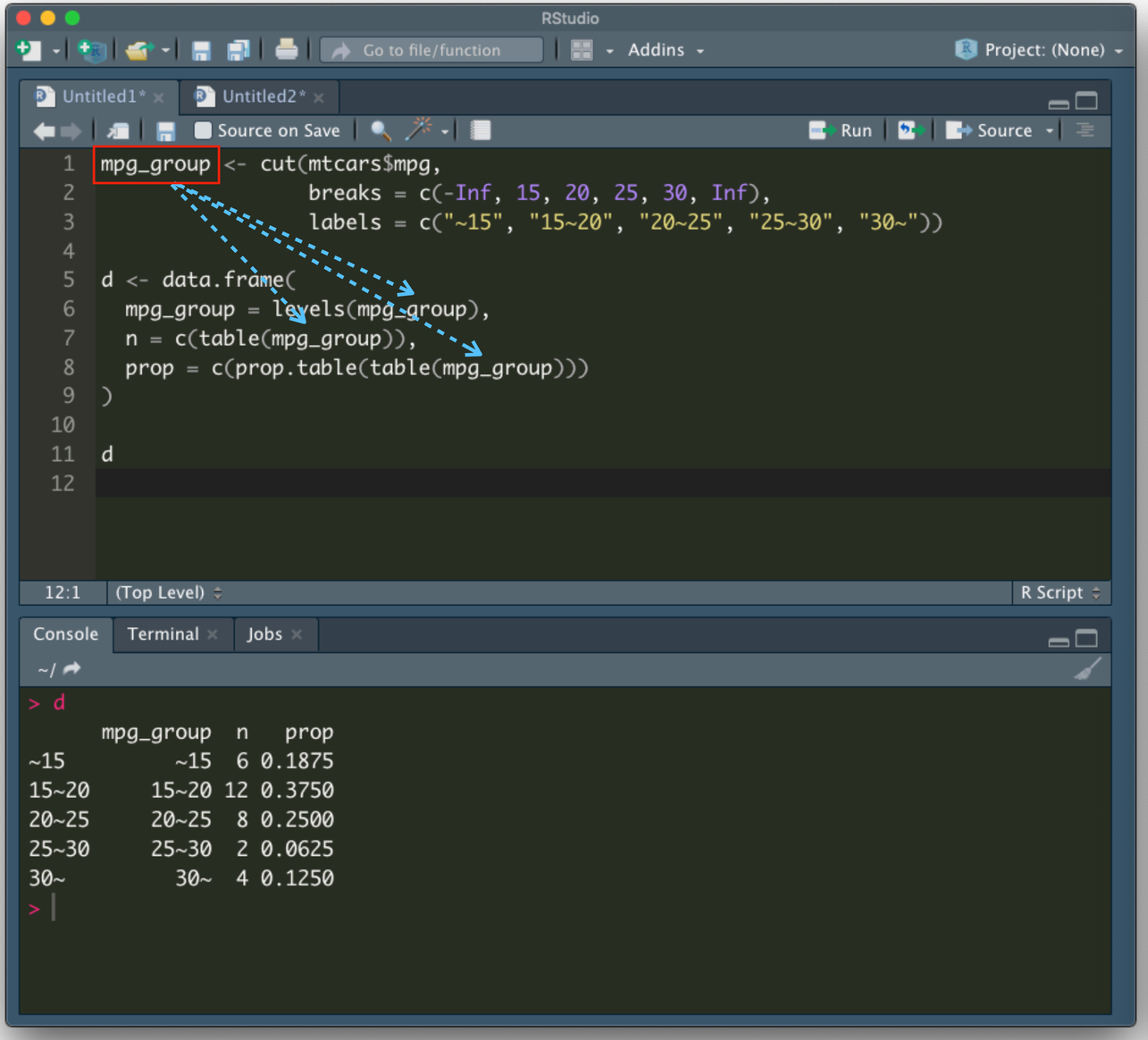


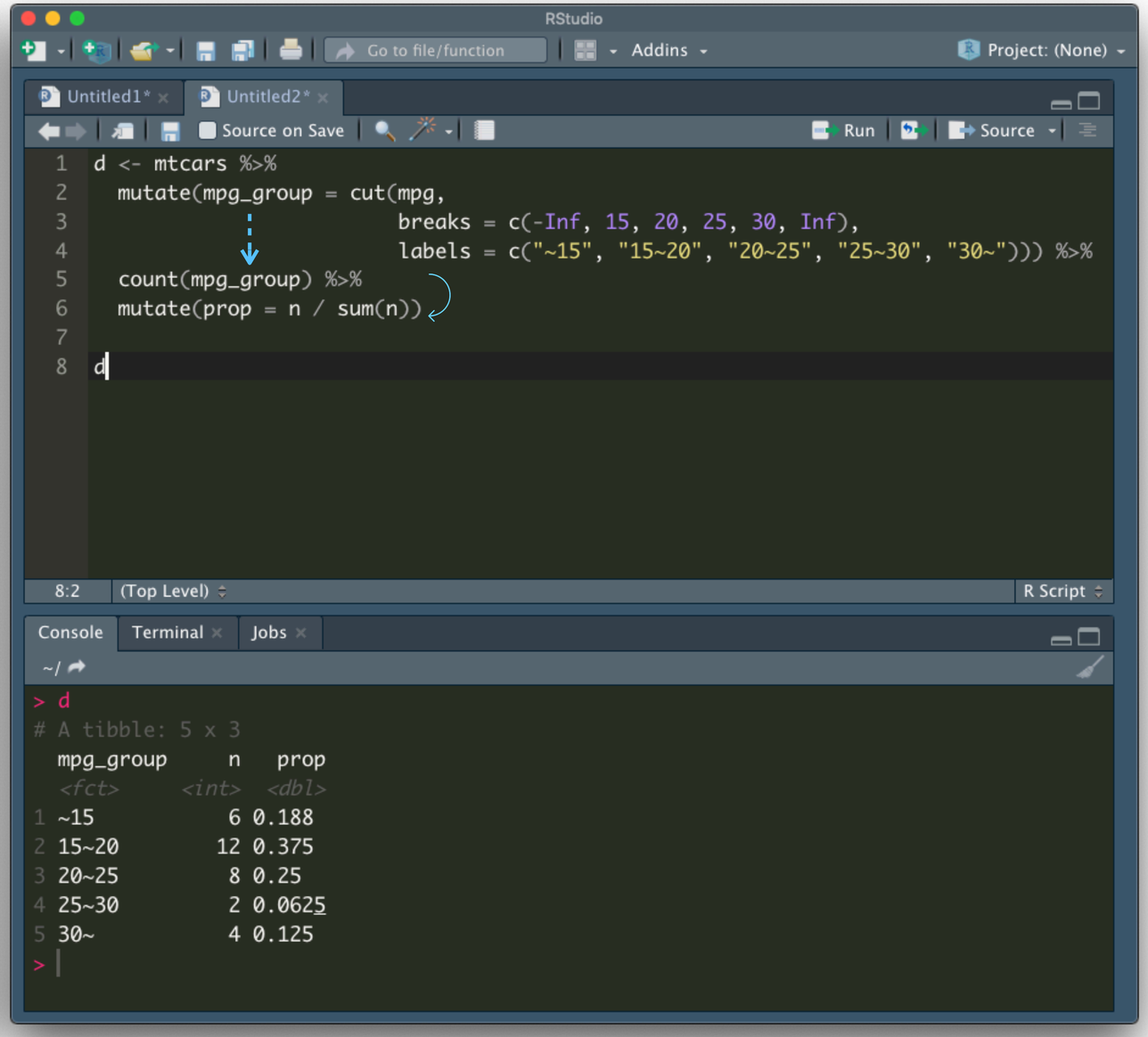




Before

After


RStudio
Go to file/function
Addins
Project: (None)
Untitled1*
Untitled2*
Source on Save
Run
Source
1 mpg_group <- cut(mtcars$mpg,
2 breaks = c(-Inf, 15, 20, 25, 30, Inf),
3 labels = c("~15", "15~20", "20~25", "25~30", "30~"))
4
5 d <- data.frame(
6 mpg_group = levels(mpg_group),
7 n = c(table(mpg_group)),
8 prop = c(prop.table(table(mpg_group)))
9)
10
11 d
12
12:1
(Top Level)
R Script
Console
Terminal
Jobs
~/
> d
mpg_group n prop
~15 ~15 6 0.1875
15~20 15~20 12 0.3750
20~25 20~25 8 0.2500
25~30 25~30 2 0.0625
30~ 30~ 4 0.1250
>


RStudio
Go to file/function
Addins
Project: (None)
Untitled1*
Untitled2*
Source on Save
Run
Source
1 d <- mtcars %>%
2 mutate(mpg_group = cut(mpg,
3 breaks = c(-Inf, 15, 20, 25, 30, Inf),
4 labels = c("~15", "15~20", "20~25", "25~30", "30~"))) %>%
5 count(mpg_group) %>%
6 mutate(prop = n / sum(n))
7
8 d
8:2
(Top Level)
R Script
Console
Terminal
Jobs
~/
> d
A tibble: 5 x 3
mpg_group n prop
<fct> <int> <dbl>
1 ~15 6 0.188
2 15~20 12 0.375
3 20~25 8 0.25
4 25~30 2 0.0625
5 30~ 4 0.125
>