

# SHORTCUTS FOR SPECIFYING .f

*Can you find what variables in the `nycflights::flights` data have missing values and how many missing values they have?*

```
nycflights13::flights %>% map_dbl(~ sum(is.na(.)))
```

year	month	day	dep_time	sched_dep_time
0	0	0	8255	0
dep_delay	arr_time	sched_arr_time	arr_delay	carrier
8255	8713	0	9430	0
flight	tailnum	origin	dest	air_time
0	2512	0	0	9430
distance	hour	minute	time_hour	
0	0	0	0	

# MAP FUNCTIONS FOR QUICK MODEL COMPARISONS

*Say we want to apply a model over a list of data frames*

```
cyl <- split(mtcars, mtcars$cyl)
str(cyl)
List of 3
 $ 4:'data.frame': 11 obs. of  11 variables:
  ..$ mpg : num [1:11] 22.8 24.4 22.8 32.4 30.4 33.9 21.5 27.3 26 30.4 ...
  ..$ cyl : num [1:11] 4 4 4 4 4 4 4 4 4 4 4 ...
  ..$ disp: num [1:11] 108 146.7 140.8 78.7 75.7 ...
  ..$ hp  : num [1:11] 93 62 95 66 52 65 97 66 91 113 ...
  ..$ drat: num [1:11] 3.85 3.69 3.92 4.08 4.93 4.22 3.7 4.08 4.43 3.77 ...
  ..$ wt  : num [1:11] 2.32 3.19 3.15 2.2 1.61 ...
  ..$ qsec: num [1:11] 18.6 20 22.9 19.5 18.5 ...
  ..$ vs  : num [1:11] 1 1 1 1 1 1 1 1 0 1 ...
  ..$ am  : num [1:11] 1 0 0 1 1 1 0 1 1 1
```