Chapter 3 - Data Transformation with dplyr

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Exercise 3

Upload packages

```
library(dplyr)
library(nycflights13)
```

Upload database

```
data<-nycflights13::flights

View(data)
```

3. Sort flights to find the fastest flights.

```
fast_flights<-data %>%
              arrange(arr_time)


fast_flights
```

```
## # A tibble: 336,776 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     2     2130           2130         0        1             18
##  2  2013     1    11     2157           2000       117        1           2208
##  3  2013     1    11     2253           2249         4        1           2357
##  4  2013     1    14     2122           2130        -8        1              2
##  5  2013     1    14     2246           2250        -4        1              7
##  6  2013     1    15     2304           2245        19        1           2357
##  7  2013     1    16     2018           2025        -7        1           2329
##  8  2013     1    16     2303           2245        18        1           2357
##  9  2013     1    19     2107           2110        -3        1           2355
## 10  2013     1    22     2246           2249        -3        1           2357
## # ... with 336,766 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```