Chapter 3 - Data Transformation with dplyr

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Exercise 3

Upload package

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

Upload database

```
data<-nycflights13::flights
```

3. What does the one_of() function do? Why might it be helpful in conjunction with this vector? vars <- c("year", "month", "day", "dep_delay", "arr_delay")

The `one_of()` function permits select variables from a vector or dataframe, even if one of the variable included does not exists. Lets try use this function with the vector of variables listed above.

```
vars <- c(
"year", "month", "day", "dep_delay", "arr_delay"
)

sel<- data %>%
     select(one_of(c(
"year", "month", "day", "dep_delay", "arr_delay"
)))

sel
```

```
## # A tibble: 336,776 x 5
##     year month   day dep_delay arr_delay
##    <int> <int> <int>     <dbl>     <dbl>
##  1  2013     1     1         2        11
##  2  2013     1     1         4        20
##  3  2013     1     1         2        33
##  4  2013     1     1        -1       -18
##  5  2013     1     1        -6       -25
##  6  2013     1     1        -4        12
##  7  2013     1     1        -5        19
##  8  2013     1     1        -3       -14
##  9  2013     1     1        -3        -8
## 10  2013     1     1        -2         8
## # ... with 336,766 more rows
```

Hence, given that the five variables actually exists, then all of them are selected.