

# Doorae\_data

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## Data

- Reading data with xlsx
  - Note the arguments `stringsAsFactors` and `encoding`
  - knitr에서 default로 R 폴더를 작업 디렉토리로 설정함에 유의.

```
# library(xlsx)
library(knitr)
library(magrittr)
library(readxl)
doorae0924_rest <- read_excel("../data/Data0924.xlsx",
                                sheet = 1,
                                range = "B1:BB98")
doorae0924_name <- read_excel("../data/Data0924.xlsx",
                                sheet = 1,
                                range = "A1:A98")
doorae0924 <- data.frame(doorae0924_name, doorae0924_rest)
# doorae0924_rest <- read.xlsx("../data/Data0924.xlsx",
#                               sheetIndex = 1,
#                               colIndex = 2:54, endRow = 98,
#                               stringsAsFactors = TRUE,
#                               encoding = "UTF-8")
# doorae0924_name <- read.xlsx("../data/Data0924.xlsx",
#                               sheetIndex = 1,
#                               colIndex = 1, endRow = 98,
#                               stringsAsFactors = FALSE,
#                               encoding = "UTF-8")
# doorae0924 <- doorae0924_name %>%
#   data.frame(doorae0924_rest)
# doorae0924 <- doorae0924_rest %>%
#   data.frame(doorae0924_name, .)
# doorae0924 <- data.frame(doorae0924_name, doorae0924_rest)
```

## Data for Years in Business

- 업력(years in business) 계산

```
doorae0924 %>%
  str
```

```

## 'data.frame':   97 obs. of  54 variables:
## $ : chr " " " " " " " ...
## $ : chr " " " " " " ...
## $ : chr " " " " " " ...
## $ PD.1 : chr " " " " " " ...
## $ PD.2 : chr " " " " " " ...
## $ : chr " " " " " " ...
## $ : chr " " " " " " ...
## $ : num 4 4 4 5 5 5 40 67 5 5 ...
## $ : chr " " " " " " ...
## $ : POSIXct, format: "2014-05-01" "2015-03-01" ...
## $ : chr "NA" "513-80-29465" "NA" "124-87-43816" ...
## $ : chr "NA" "NA" "NA" " " ...
## $ : chr "NA" "NA" "NA" " " ...
## $ : chr " " " " " " ...
## $ : chr " " " " " ...
## $ : chr " " " " " ...
## $ : chr " " " " " ...
## $ : num 1 1 1 1 0 0 0 0 0 0 ...
## $ : chr " " " " " " ...
## $ . : num 12000 12000 10000 5000 0 0 0 0 0 0 ...
## $ : chr "SW+HW" "SW+HW" "HW" "SW" ...
## $ : chr " " " " " ...
## $ : chr " " " " " ...
## $ : chr " " " " " ...
## $ _2012 : num 0 0 0 0 0 ...
## $ _2013 : num 0 0 0 5000 0 0 0 0 0 0 ...
## $ _2014 : num 0 0 0 4000 0 ...
## $ _2012 : num 0 0 0 0 0 653000 0 0 0 ...
## $ _2013 : num 0 0 0 80000 0 0 0 0 0 0 ...
## $ _2014 : num 0 0 0 70000 0 ...
## $ - : chr "No" "No" "No" "Yes" ...
## $ - : chr "No" "No" "Yes" "Yes" ...
## $ - : chr "No" "Yes" "No" "Yes" ...
## $ - : chr "No" "No" "No" "Yes" ...
## $ - : chr "No" "No" "No" "Yes" ...
## $ - : chr "No" "No" "No" "No" ...
## $ - : chr "No" "No" "No" "No" ...
## $ - : chr "No" "No" "No" "Yes" ...
## $ - : chr "No" "No" "No" "No" ...
## $ - : chr "Yes" "Yes" "No" "No" ...
## $ _SNS : chr "Yes" "Yes" "No" "No" ...
## $ - _2014 : num 0 0 0 0 0 ...
## $ - _2015_3 : num 0 0 20800 7080 0 0 0 0 0 0 ...
## $ - _2014 : num 0 0 0 0 0 ...
## $ - _2015_3 : num 0 0 5200 760 0 0 0 0 0 0 ...
## $ - _2014 : num 0 0 0 0 0 0 0 0 0 0 ...
## $ - _2015 : num 0 0 0 0 0 0 0 0 0 0 ...
## $ - _2014 : num 0 0 0 0 0 0 0 0 0 0 ...
## $ - _2015 : num 0 0 0 3 0 0 0 0 0 0 ...
## $ - : num 1 1 0 1 0 2 2 2 2 0 ...
## $ - : num 0 0 0 0 0 1 1 0 0 0 ...
## $ - : num 1 0 0 0 0 2 3 2 6 0 ...
## $ - : num 0 0 0 0 0 3 3 1 0 0 ...

```

```

## $ : num 0 1 0 0 0 4 4 2 0 0 ...
doorae0924$ " " <- doorae0924$ " "%>%
# `~[~, " ") %>%
  difftime("2015-09-24", ., units = "days") %>%
  `/^(365) %>%
  as.numeric %>%
  round(digits = 1)
doorae0924$ " "%>%
  str

## num [1:97] 1.4 0.6 0.4 2.7 0.4 1.6 4.1 2.1 1.4 0.1 ...
doorae0924$ " "%>%
  head

## [1] 1.4 0.6 0.4 2.7 0.4 1.6

doorae0924 %>%
  str

## 'data.frame': 97 obs. of 55 variables:
## $ : chr " " " " " " " ...
## $ : chr " " " " " " " ...
## $ : chr " " " " " " " ...
## $ PD.1 : chr " " " " " " ...
## $ PD.2 : chr " " " " " " ...
## $ : chr " " " " " " " ...
## $ : chr " " " " " " ...
## $ : num 4 4 4 5 5 5 40 67 5 5 ...
## $ : chr " " " " " " ...
## $ : POSIXct, format: "2014-05-01" "2015-03-01" ...
## $ : chr "NA" "513-80-29465" "NA" "124-87-43816" ...
## $ : chr "NA" "NA" "NA" " " ...
## $ : chr "NA" "NA" "NA" " " ...
## $ : chr " " " " " " ...
## $ : chr " " " " " ...
## $ : chr " " " " " ...
## $ : num 1 1 1 1 0 0 0 0 0 ...
## $ : chr " " " " " " " ...
## $ .. : num 12000 12000 10000 5000 0 0 0 0 0 ...
## $ : chr "SW+HW" "SW+HW" "HW" "SW" ...
## $ : chr " " " " " " ...
## $ : chr " " " " " " ...
## $ : chr " " " " " " ...
## $ _2012 : num 0 0 0 0 ...
## $ _2013 : num 0 0 0 5000 0 0 0 0 0 ...
## $ _2014 : num 0 0 0 4000 0 ...
## $ _2012 : num 0 0 0 0 0 653000 0 0 0 ...
## $ _2013 : num 0 0 0 80000 0 0 0 0 0 ...
## $ _2014 : num 0 0 0 70000 0 ...

```

```

## $ - : chr "No" "No" "No" "Yes" ...
## $ - : chr "No" "No" "Yes" "Yes" ...
## $ - : chr "No" "Yes" "No" "Yes" ...
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## $ - : chr "No" "No" "No" "No" ...
## $ - : chr "No" "No" "Yes" ...
## $ - : chr "No" "No" "No" "No" ...
## $ - : chr "Yes" "Yes" "No" "No" ...
## $ _SNS : chr "Yes" "Yes" "No" "No" ...
## $ -_2014 : num 0 0 0 0 0 ...
## $ -_2015_3 : num 0 0 20800 7080 0 0 0 0 0 0 ...
## $ -_2014 : num 0 0 0 0 0 ...
## $ -_2015_3 : num 0 0 5200 760 0 0 0 0 0 0 ...
## $ -_2014 : num 0 0 0 0 0 0 0 0 0 0 ...
## $ -_2015 : num 0 0 0 0 0 0 0 0 0 0 ...
## $ -_2014 : num 0 0 0 0 0 0 0 0 0 0 ...
## $ -_2015 : num 0 0 0 3 0 0 0 0 0 0 ...
## $ - : num 1 1 0 1 0 2 2 2 2 0 ...
## $ - : num 0 0 0 0 0 1 1 0 0 0 ...
## $ - : num 1 0 0 0 0 2 3 2 6 0 ...
## $ - : num 0 0 0 0 0 3 3 1 0 0 ...
## $ - : num 0 1 0 0 0 4 4 2 0 0 ...
## $ - : num 1.4 0.6 0.4 2.7 0.4 1.6 4.1 2.1 1.4 0.1 ...

```

- 사업자등록여부와 업력을 함께 새로운 data frame 으로

```

doorae0924$" " <- doorae0924$" "%>%
`==`("NA") %>%
ifelse("No", "Yes") %>%
factor(levels = c("Yes", "No"))
doorae0924_ys <- doorae0924$" "%>%
factor(levels = c(" ", " ")) %>%
data.frame(status = ., years = doorae0924$" ")

```

## Save data

```
save.image("./doorae_new_data.RData")
```