

```
# dav exp 8
install.packages("rlang", dependencies = TRUE)
install.packages("tidyselect", dependencies = TRUE)
install.packages("tidyverse", dependencies = TRUE)
```



Installing package into ‘/usr/local/lib/R/site-library’
(as ‘lib’ is unspecified)

also installing the dependencies ‘lazyeval’, ‘rex’, ‘covr’

Installing package into ‘/usr/local/lib/R/site-library’
(as ‘lib’ is unspecified)

Installing package into ‘/usr/local/lib/R/site-library’
(as ‘lib’ is unspecified)

also installing the dependencies ‘textshaping’, ‘Rcpp’, ‘conflicted’, ‘jsonlite’, ‘ragg’, ‘stringr’, ‘feather’, ‘mockr’

Warning message in install.packages("tidyverse", dependencies = TRUE):
“installation of package ‘textshaping’ had non-zero exit status”
Warning message in install.packages("tidyverse", dependencies = TRUE):
“installation of package ‘ragg’ had non-zero exit status”
Warning message in install.packages("tidyverse", dependencies = TRUE):
“installation of package ‘tidyverse’ had non-zero exit status”

```
install.packages("ggthemes")
```

Installing package into ‘/usr/local/lib/R/site-library’
(as ‘lib’ is unspecified)

```
library(tidyverse)
# library(tidygraph)
library(dplyr)
library(ggplot2)
library(ggthemes)
```

```
stockX <- read.csv("/content/sample_data/shoes_dataset.csv")
average_sale <- read.csv("/content/sample_data/average_sale.csv")
yeezy <- read.csv("/content/sample_data/yeezy.csv")
```

```
stockX %>%
  mutate(Sneaker = fct_reorder(Sneaker, ProfitPercent, .fun = 'median')) %>%
  ggplot(aes(y = ProfitPercent, x = Sneaker)) +
  geom_boxplot(aes(fill = Sneaker)) +
  theme_ws() +
  theme(axis.title.x = element_blank(),
        axis.text.x = element_blank(),
        axis.ticks.x = element_blank(),
        legend.position = "bottom",
        legend.direction = "horizontal",
        legend.justification = "center",
        legend.title = element_text(size = 8),
        legend.text = element_text(size = 4.8)) +
  labs(title = "Nike Sneaker Profit%", subtitle = "Third week of Jan 2018")
```


