

Week 9 - Challenge

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2023-10-18

```
library(tidyverse)
```

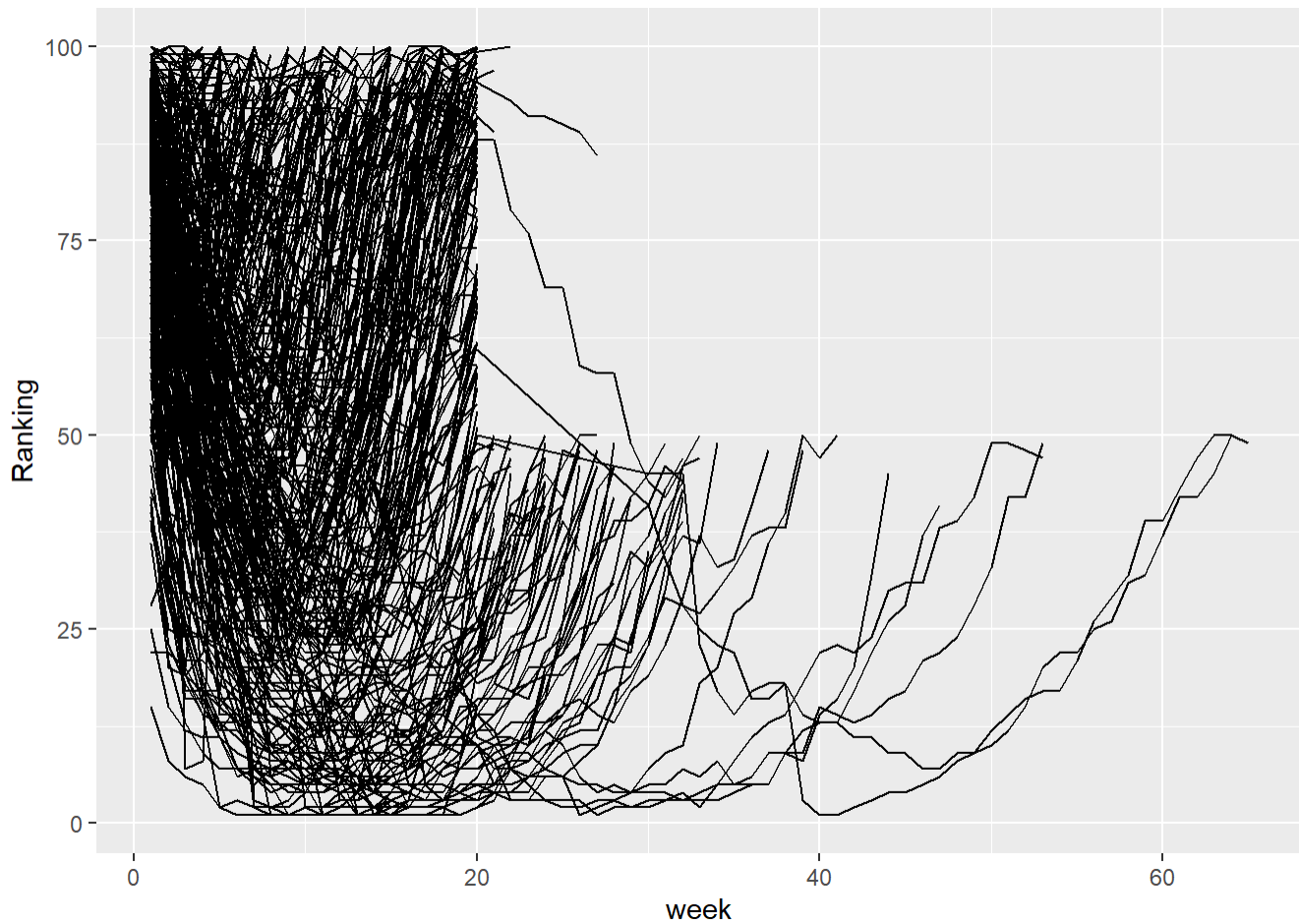
```
## — Attaching core tidyverse packages — tidyverse 2.0.0 —
## ✓ dplyr      1.1.2      ✓ readr      2.1.4
## ✓ forcats    1.0.0      ✓ stringr    1.5.0
## ✓ ggplot2     3.4.3      ✓ tibble     3.2.1
## ✓ lubridate  1.9.2      ✓ tidyr      1.3.0
## ✓ purrr      1.0.2
## — Conflicts — tidyverse_conflicts() —
## ✗ dplyr::filter() masks stats::filter()
## ✗ dplyr::lag()     masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

```
songs <- billboard %>%
  pivot_longer(
    cols = starts_with("wk"),
    names_to = "Weeks",
    values_to = "Ranking",
    values_drop_na = TRUE,
  ) %>%
  mutate(week = parse_number(Weeks))
```

```
songs
```

```
## # A tibble: 5,307 × 6
##   artist track date.entered Weeks Ranking week
##   <chr> <chr> <date> <chr> <dbl> <dbl>
## 1 2 Pac Baby Don't Cry (Keep... 2000-02-26 wk1 87 1
## 2 2 Pac Baby Don't Cry (Keep... 2000-02-26 wk2 82 2
## 3 2 Pac Baby Don't Cry (Keep... 2000-02-26 wk3 72 3
## 4 2 Pac Baby Don't Cry (Keep... 2000-02-26 wk4 77 4
## 5 2 Pac Baby Don't Cry (Keep... 2000-02-26 wk5 87 5
## 6 2 Pac Baby Don't Cry (Keep... 2000-02-26 wk6 94 6
## 7 2 Pac Baby Don't Cry (Keep... 2000-02-26 wk7 99 7
## 8 2Ge+her The Hardest Part Of ... 2000-09-02 wk1 91 1
## 9 2Ge+her The Hardest Part Of ... 2000-09-02 wk2 87 2
## 10 2Ge+her The Hardest Part Of ... 2000-09-02 wk3 92 3
## # i 5,297 more rows
```

```
ggplot(data=songs) + aes(x=week,y=Ranking, group = track) +  
geom_line()
```



```
df<-cms_patient_experience %>%  
pivot_wider(  
  names_from = measure_cd,  
  values_from = prf_rate,  
  id_cols = starts_with("org")  
)  
  
df
```

```
## # A tibble: 95 × 8
##   org_pac_id org_nm CAHPS_GRP_1 CAHPS_GRP_2 CAHPS_GRP_3 CAHPS_GRP_5 CAHPS_GRP_8
##   <chr>      <chr>      <dbl>      <dbl>      <dbl>      <dbl>      <dbl>
## 1 0446157747 USC C...      63        87        86        57        85
## 2 0446162697 ASSOC...      59        85        83        63        88
## 3 0547164295 BEAVE...      49        NA        75        44        73
## 4 0749333730 CAPE ...      67        84        85        65        82
## 5 0840104360 ALLIA...      66        87        87        64        87
## 6 0840109864 REX H...      73        87        84        67        91
## 7 0840513552 SCL H...      58        83        76        58        78
## 8 0941545784 GRITM...      46        86        81        54        NA
## 9 1052612785 COMMU...      65        84        80        58        87
## 10 1254237779 OUR L...      61        NA        NA        65        NA
## # i 85 more rows
## # i 1 more variable: CAHPS_GRP_12 <dbl>
```