P8106 Midterm

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```
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --
```

```
## v ggplot2 3.3.5      v purrr   0.3.4
## v tibble  3.1.5      v dplyr   1.0.7
## v tidyr   1.1.4      v stringr 1.4.0
## v readr   2.0.1      v forcats 0.5.1
```

```
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
untidied_data = read_csv("spreadspoke_score.csv")
```

```
## Rows: 13232 Columns: 17
```

```
## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr (7): schedule_date, schedule_week, team_home, team_away, team_favorite_i...
## dbl (8): schedule_season, score_home, score_away, spread_favorite, over_unde...
## lgl (2): schedule_playoff, stadium_neutral
```

```
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
data = read_csv("data_tab.csv",
                col_types = "iffffiiffddffiiif") %>%
  select(-1)
```

```
## New names:
## * `` -> ...1
```