

Project 1

Halid Kopanski

6/14/2021

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

## v ggplot2 3.3.3      v purrr  0.3.4
## v tibble  3.1.2      v dplyr  1.0.6
## v tidyr   1.1.3      v stringr 1.4.0
## v readr   1.4.0      v forcats 0.5.1

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

Create data functions

Setup ID Data

```
## No encoding supplied: defaulting to UTF-8.

## Warning: 'tbl_df()' was deprecated in dplyr 1.0.0.
## Please use 'tibble::as_tibble()' instead.

## No encoding supplied: defaulting to UTF-8.
## No encoding supplied: defaulting to UTF-8.
```

Display Data

```
df_franchise
```

```
## # A tibble: 39 x 2
##   data$id $firstSeasonId $fullName $lastSeasonId $mostRecentTeam~ $teamAbbrev
##   <int>      <int> <chr>          <int>          <int> <chr>
## 1       1      19171918 Montréal C~         NA              8 MTL
## 2       2      19171918 Montreal W~    19171918         41 MWN
## 3       3      19171918 St. Louis ~    19341935         45 SLE
## 4       4      19191920 Hamilton T~    19241925         37 HAM
## 5       5      19171918 Toronto Ma~         NA             10 TOR
## 6       6      19241925 Boston Bru~         NA              6 BOS
## 7       7      19241925 Montreal M~    19371938         43 MMR
```

```
## 8      8      19251926 Brooklyn A~      19411942      51 BRK
## 9      9      19251926 Philadelph~      19301931      39 QUA
## 10     10     19261927 New York R~      NA      3 NYR
## # ... with 29 more rows, and 1 more variable: total <int>
```

```
df_teams
```

```
## # A tibble: 32 x 2
##   copyright      teams$id $name  $link  $abbreviation $teamName $locationName
##   <chr>          <int> <chr>  <chr>  <chr>          <chr>      <chr>
## 1 NHL and the NHL~      1 New J~ /api/~ NJD      Devils    New Jersey
## 2 NHL and the NHL~      2 New Y~ /api/~ NYI     Islanders New York
## 3 NHL and the NHL~      3 New Y~ /api/~ NYR     Rangers   New York
## 4 NHL and the NHL~      4 Phila~ /api/~ PHI     Flyers    Philadelphia
## 5 NHL and the NHL~      5 Pitts~ /api/~ PIT     Penguins  Pittsburgh
## 6 NHL and the NHL~      6 Bosto~ /api/~ BOS     Bruins    Boston
## 7 NHL and the NHL~      7 Buffa~ /api/~ BUF     Sabres    Buffalo
## 8 NHL and the NHL~      8 Montr~ /api/~ MTL     Canadiens Montréal
## 9 NHL and the NHL~      9 Ottaw~ /api/~ OTT     Senators  Ottawa
## 10 NHL and the NHL~     10 Toron~ /api/~ TOR     Maple Le~ Toronto
## # ... with 22 more rows
```