

Class Code

```
library(Lahman)
library(tidyverse)
```

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr     1.1.4     v readr     2.1.5
v forcats   1.0.0     v stringr   1.5.1
v ggplot2   3.5.2     v tibble    3.3.0
v lubridate 1.9.4     v tidyr    1.3.1
v purrr    1.1.0
-- Conflicts -----
x dplyr::filter() masks stats::filter()
x dplyr::lag()    masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to becom
```

```
library(knitr)
```

Create top 10 Yankee career batting average

```
Yankees <-
  Batting |>
  filter(teamID == 'NYA') |>
  summarize(hits = sum(H), at_bats=sum(AB), .by='playerID') |>
  mutate(BA = hits/at_bats) |>
  filter(at_bats>=2500) |>
  arrange(-BA) |>
  head(10)
```

```

Yankees |>
  left_join(select(People, playerID, nameLast, nameFirst, finalGame), by = "playerID" ) |>
  left_join(select(HallOfFame, playerID, inducted, yearID) |>
    filter(inducted!="N")
    , by = "playerID") |>
  kable()

```

playerID	hits	at_bats	BA	nameLast	nameFirst	finalGame	inducted	yearID
ruthba01	2518	7216	0.3489468	Ruth	Babe	1935-05-30	Y	1936
gehrilo01	2721	8001	0.3400825	Gehrig	Lou	1939-04-30	Y	1939
combsea01	1866	5746	0.3247477	Combs	Earle	1935-09-29	Y	1970
dimagjo01	2214	6821	0.3245858	DiMaggio	Joe	1951-09-30	Y	1955
dickebi01	1969	6300	0.3125397	Dickey	Bill	1946-09-08	Y	1954
meusebo01	1565	5032	0.3110095	Meusel	Bob	1930-09-26	NA	NA
jeterde01	3465	11195	0.3095132	Jeter	Derek	2014-09-28	Y	2020
canoro01	1649	5336	0.3090330	Cano	Robinson	2022-07-27	NA	NA
mattido01	2153	7003	0.3074397	Mattingly	Don	1995-10-01	NA	NA
chapmbe01	1079	3539	0.3048884	Chapman	Ben	1946-05-12	NA	NA