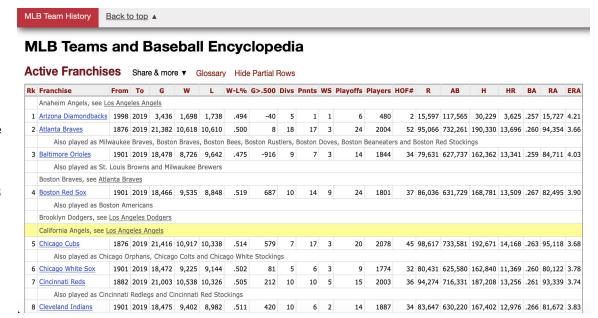
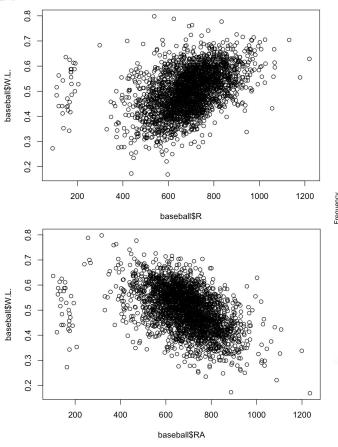


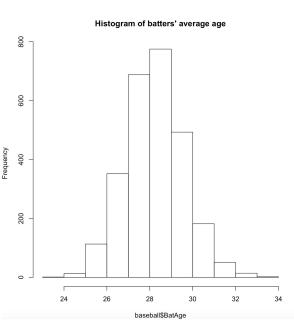
## I. Obtaining the Data

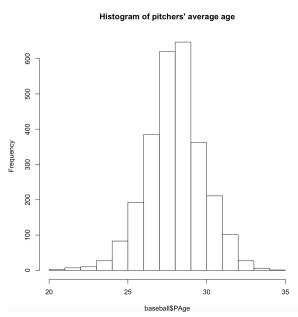
- Use rvest package in R.
- For each of the 30 Active
   Franchises, download the
   "Franchise History" table on each team's page and combine all of the tables into one.
- The resulted dataset has 2684 rows and 22 columns. Variables include wins, losses, ties, runs scored, runs allowed, batter's average age, pitcher's average age, etc.



## II. Exploratory Data Analysis







## III. Proposal

- Fit a multiple linear regression model to predict the win rate of these MLB teams.

  Potential predictors include: runs scored, runs allowed, batters' average age,
  pitchers' average age, team's finish, and some other newly created variables.
- "Product": Provide baseball teams with a reference to see what factors would contribute to their success in a certain game so that they would know how to prepare better for future games.