Project Proposal

Paulo Souza

Dataset Information

The dataset contains information about the players that have won the NBA's Men of the Week's award. The NBA (National Basketball Association) is a men's professional basketball league in North America; composed of 30 teams (29 in the United States and 1 in Canada). It is widely considered to be the premier men's professional basketball league in the world [Wikipedia]. This dataset was obtained from Kaggle.

Dataset Semantics

Each row of the dataset contains the following information about each player awarded with the Player of the Week prize:

- Age (player age at the time)
- Conference (East/West/NaN)
- Date (award date)
- Draft Year
- Height (in feets)
- Player
- Position
- Season
- Season short (season ending year)
- Seasons in league
- Team
- Weight (in pounds)
- Real_value (If two awards given at the same week [East & West] the player got 0.5, else 1 point)

Data Analysis

Firstly, I read the dataset and call the `summary()` function in order to get some insights about the data.

```
rm(list=ls())
library(dplyr)
```

```
##
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
##
##     filter, lag
```

```
## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

```
dataset <- read.csv("NBA_player_of_the_week.csv")
summary(dataset)
```

```
##  Active.season                Player                    Team
##  Min.   :0.000000   LeBron James  : 61   Los Angeles Lakers : 71
##  1st Qu.:0.000000   Kobe Bryant   : 33   San Antonio Spurs  : 61
##  Median :0.000000   Kevin Durant  : 26   Cleveland Cavaliers: 59
##  Mean   :0.008658   Michael Jordan: 25   Miami Heat         : 57
##  3rd Qu.:0.000000   Allen Iverson : 23   Houston Rockets    : 56
##  Max.   :1.000000   Karl Malone   : 23   Utah Jazz          : 47
##                     (Other)       :964   (Other)            :804
##  Conference         Date         Position      Height      Weight
##      :384    Jan 12, 2003:   3   G  :183    6-9  :134   Min.   :150
##  East:386    Apr 10, 2005:   2   SG :164    6-8  :128   1st Qu.:205
##  West:385    Apr 10, 2017:   2   C  :159    6-6  :122   Median :225
##              Apr 11, 2011:   2   PF :141    6-3  :120   Mean   :226
##              Apr 11, 2016:   2   F  :127    6-7  :117   3rd Qu.:250
##              Apr 1, 2007 :   2   PG :120    6-11 :108   Max.   :325
##              (Other)     :1142   (Other):261   (Other):426
##       Age           Draft.Year     Seasons.in.league       Season
##  Min.   :19.00   Min.   :1969   Min.   : 0.00    2002-2003: 47
##  1st Qu.:24.00   1st Qu.:1991   1st Qu.: 3.00    2003-2004: 46
##  Median :26.00   Median :1998   Median : 6.00    2004-2005: 46
##  Mean   :26.77   Mean   :1997   Mean   : 5.87    2005-2006: 46
##  3rd Qu.:29.00   3rd Qu.:2004   3rd Qu.: 8.00    2006-2007: 46
##  Max.   :40.00   Max.   :2016   Max.   :17.00    2007-2008: 46
##                                                  (Other)  :878
##   Season.short    Real_value
##  Min.   :1985   Min.   :0.5000
##  1st Qu.:1997   1st Qu.:0.5000
##  Median :2006   Median :0.5000
##  Mean   :2004   Mean   :0.6662
##  3rd Qu.:2012   3rd Qu.:1.0000
##  Max.   :2019   Max.   :1.0000
##
```

According to the `summary()` function output, there are 384 entries in the dataset in which the Conference field is not filled. Hence, I'm gonna print the first lines of the dataset with the `head()` function to check how I could fix it.

```
head(dataset)
```

```
##   Active.season                 Player                Team Conference
## 1             0 Micheal Ray Richardson     New Jersey Nets
## 2             0            Derek Smith Los Angeles Clippers
## 3             0            Calvin Natt       Denver Nuggets
## 4             0    Kareem Abdul-Jabbar   Los Angeles Lakers
## 5             0            Larry Bird       Boston Celtics
## 6             0        Darrell Griffith           Utah Jazz
##        Date Position Height Weight Age Draft.Year Seasons.in.league
## 1 Apr 14, 1985      PG    6-5    189  29       1978                 6
## 2  Apr 7, 1985      SG    6-6    205  23       1982                 2
## 3  Apr 1, 1985       F    6-6    220  28       1979                 5
## 4 Mar 24, 1985       C    7-2    225  37       1969                15
## 5 Mar 17, 1985      SF    6-9    220  28       1978                 5
## 6 Mar 10, 1985      SG    6-4    190  26       1980                 4
##      Season Season.short Real_value
## 1 1984-1985         1985          1
```

```
## 2 1984-1985          1985          1
## 3 1984-1985          1985          1
## 4 1984-1985          1985          1
## 5 1984-1985          1985          1
## 6 1984-1985          1985          1
```

The output of the `head()` function was actually very useful since I realized that I could just use the team name as a reference in order to fill the empty Conference fields. I mean, as far as I know, most of the teams active nowadays already exist back in the 80s (date of the first records in the dataset), so I could just compare the teams of the filled rows with the teams of the empty ones, and if the team is the same in both lines, then I should be able to get the name of the conference of those empty rows. In order to do that, I'm gonna create a loop that goes through each row of the dataset that contains a value in the Conference field, then I just have to tell R to replace the field Conference of each other lines of the same team with the value I get from the Conference field of that line:

```r
for (i in 1:as.integer(dataset %>% tally()))
{
  if (dataset[i, 4] != "")
  {
    for (j in 1:as.integer(dataset %>% filter(Conference == "") %>% tally()))
    {
      if (dataset[i, 3] == dataset[j, 3])
      {
        dataset[j, 4] = dataset[i, 4]
      }
    }
  }
}

summary(dataset)
```

```
##  Active.season                 Player                       Team
##  Min.   :0.000000   LeBron James  : 61   Los Angeles Lakers : 71
##  1st Qu.:0.000000   Kobe Bryant   : 33   San Antonio Spurs  : 61
##  Median :0.000000   Kevin Durant  : 26   Cleveland Cavaliers: 59
##  Mean   :0.008658   Michael Jordan: 25   Miami Heat         : 57
##  3rd Qu.:0.000000   Allen Iverson : 23   Houston Rockets    : 56
##  Max.   :1.000000   Karl Malone   : 23   Utah Jazz          : 47
##                     (Other)       :964   (Other)            :804
##  Conference         Date        Position       Height        Weight
##      :145   Jan 12, 2003:   3   G   :183   6-9    :134   Min.   :150
##  East:493   Apr 10, 2005:   2   SG  :164   6-8    :128   1st Qu.:205
##  West:517   Apr 10, 2017:   2   C   :159   6-6    :122   Median :225
##             Apr 11, 2011:   2   PF  :141   6-3    :120   Mean   :226
##             Apr 11, 2016:   2   F   :127   6-7    :117   3rd Qu.:250
##             Apr 1, 2007 :   2   PG  :120   6-11   :108   Max.   :325
##             (Other)     :1142   (Other):261   (Other):426
##       Age           Draft.Year    Seasons.in.league        Season
##  Min.   :19.00   Min.   :1969   Min.   : 0.00    2002-2003: 47
##  1st Qu.:24.00   1st Qu.:1991   1st Qu.: 3.00    2003-2004: 46
##  Median :26.00   Median :1998   Median : 6.00    2004-2005: 46
##  Mean   :26.77   Mean   :1997   Mean   : 5.87    2005-2006: 46
##  3rd Qu.:29.00   3rd Qu.:2004   3rd Qu.: 8.00    2006-2007: 46
##  Max.   :40.00   Max.   :2016   Max.   :17.00    2007-2008: 46
##                                                  (Other)  :878
```

```
##    Season.short    Real_value
##  Min.    :1985   Min.    :0.5000
##  1st Qu.:1997    1st Qu.:0.5000
##  Median :2006    Median :0.5000
##  Mean    :2004   Mean    :0.6662
##  3rd Qu.:2012    3rd Qu.:1.0000
##  Max.    :2019   Max.    :1.0000
##
```

Even doing the aforementioned adjust, I realized that there are still 8 entries without a value in the Conference field. Thus, I decided to print those values in order to check what I could do.

```
dataset %>% filter(Conference == "")
```

```
##    Active.season          Player                 Team Conference
## 1              0     Tom McMillen   Washington Bullets
## 2              0      Jeff Ruland   Washington Bullets
## 3              0     Moses Malone   Washington Bullets
## 4              0     Bernard King   Washington Bullets
## 5              0     Bernard King   Washington Bullets
## 6              0    Larry Johnson    Charlotte Hornets
## 7              0    Tim Hardaway  Golden State Warriors
## 8              0   Michael Jordan        Chicago Bulls
## 9              0   Scottie Pippen        Chicago Bulls
## 10             0   Pervis Ellison   Washington Bullets
## 11             0    Chris Mullin  Golden State Warriors
## 12             0    Larry Johnson    Charlotte Hornets
## 13             0  Alonzo Mourning    Charlotte Hornets
## 14             0  Hakeem Olajuwon      Houston Rockets
## 15             0  Dikembe Mutombo       Denver Nuggets
## 16             0  Hakeem Olajuwon      Houston Rockets
## 17             0    Larry Johnson    Charlotte Hornets
## 18             0  Hakeem Olajuwon      Houston Rockets
## 19             0   Michael Jordan        Chicago Bulls
## 20             0   Scottie Pippen        Chicago Bulls
## 21             0  Dikembe Mutombo       Denver Nuggets
## 22             0      Shawn Kemp   Seattle SuperSonics
## 23             0     Kevin Willis        Atlanta Hawks
## 24             0  Hakeem Olajuwon      Houston Rockets
## 25             0      Shawn Kemp   Seattle SuperSonics
## 26             0      Ron Harper  Los Angeles Clippers
## 27             0    Chris Webber  Golden State Warriors
## 28             0   Scottie Pippen        Chicago Bulls
## 29             0        Glen Rice           Miami Heat
## 30             0  Hakeem Olajuwon      Houston Rockets
## 31             0  Dikembe Mutombo       Denver Nuggets
## 32             0    Clyde Drexler      Houston Rockets
## 33             0       Jason Kidd    Dallas Mavericks
## 34             0        Rik Smits       Indiana Pacers
## 35             0  Hakeem Olajuwon      Houston Rockets
## 36             0    John Stockton           Utah Jazz
## 37             0    Larry Johnson    Charlotte Hornets
## 38             0      Gary Payton   Seattle SuperSonics
## 39             0  Hakeem Olajuwon      Houston Rockets
## 40             0      Karl Malone           Utah Jazz
```

```
## 41             0         Jamal Mashburn       Dallas Mavericks
## 42             0          Tim Hardaway  Golden State Warriors
## 43             0          Juwan Howard     Washington Bullets
## 44             0      Arvydas Sabonis Portland Trail Blazers
## 45             0          Chris Gatling             Miami Heat
## 46             0        Michael Jordan          Chicago Bulls
## 47             0       Hakeem Olajuwon       Houston Rockets
## 48             0            Shawn Kemp     Seattle SuperSonics
## 49             0            Jason Kidd       Dallas Mavericks
## 50             0          Reggie Miller         Indiana Pacers
## 51             0        Michael Jordan          Chicago Bulls
## 52             0        Cliff Robinson Portland Trail Blazers
## 53             0           Karl Malone               Utah Jazz
## 54             0        Michael Jordan          Chicago Bulls
## 55             0         Scottie Pippen          Chicago Bulls
## 56             0       Dikembe Mutombo         Denver Nuggets
## 57             0       Terrell Brandon   Cleveland Cavaliers
## 58             0            Shawn Kemp     Seattle SuperSonics
## 59             0          Chris Webber     Washington Bullets
## 60             0         Allen Iverson    Philadelphia Sixers
## 61             0           Karl Malone               Utah Jazz
## 62             0           Karl Malone               Utah Jazz
## 63             0            Loy Vaught   Los Angeles Clippers
## 64             0         Scottie Pippen          Chicago Bulls
## 65             0       Alonzo Mourning             Miami Heat
## 66             0             Glen Rice     Charlotte Hornets
## 67             0         Mitch Richmond      Sacramento Kings
## 68             0         Glenn Robinson       Milwaukee Bucks
## 69             0             Glen Rice     Charlotte Hornets
## 70             0          Tim Hardaway             Miami Heat
## 71             0       Terrell Brandon   Cleveland Cavaliers
## 72             0      Shaquille O'Neal     Los Angeles Lakers
## 73             0       Dikembe Mutombo         Atlanta Hawks
## 74             0        Charles Barkley       Houston Rockets
## 75             0           Karl Malone               Utah Jazz
## 76             0             Dale Ellis         Denver Nuggets
## 77             0       Hakeem Olajuwon       Houston Rockets
## 78             0        Michael Jordan          Chicago Bulls
## 79             0       Alonzo Mourning             Miami Heat
## 80             0      Shaquille O'Neal     Los Angeles Lakers
## 81             0           Karl Malone               Utah Jazz
## 82             0          Nick Anderson          Orlando Magic
## 83             0           Karl Malone               Utah Jazz
## 84             0         Allen Iverson    Philadelphia Sixers
## 85             0           Steve Smith         Atlanta Hawks
## 86             0             Rik Smits         Indiana Pacers
## 87             0        Michael Jordan          Chicago Bulls
## 88             0             Glen Rice     Charlotte Hornets
## 89             0          Wesley Person   Cleveland Cavaliers
## 90             0           Karl Malone               Utah Jazz
## 91             0        Michael Jordan          Chicago Bulls
## 92             0      Shaquille O'Neal     Los Angeles Lakers
## 93             0       Dikembe Mutombo         Atlanta Hawks
## 94             0          Chris Webber      Sacramento Kings
```

```
## 95                  0         Karl Malone                 Utah Jazz
## 96                  0      Kevin Garnett Minnesota Timberwolves
## 97                  0 Darrell Armstrong           Orlando Magic
## 98                  0        Vince Carter         Toronto Raptors
## 99                  0     Alonzo Mourning              Miami Heat
## 100                 0     Antonio McDyess          Denver Nuggets
## 101                 0    Stephon Marbury Minnesota Timberwolves
## 102                 0         Gary Payton      Seattle SuperSonics
## 103                 0     Dikembe Mutombo           Atlanta Hawks
## 104                 0         Kobe Bryant      Los Angeles Lakers
## 105                 0     Alonzo Mourning              Miami Heat
## 106                 0      Kevin Garnett Minnesota Timberwolves
## 107                 0          Jalen Rose          Indiana Pacers
## 108                 0   Shaquille O'Neal      Los Angeles Lakers
## 109                 0         Karl Malone                 Utah Jazz
## 110                 0        Vince Carter         Toronto Raptors
## 111                 0   Shaquille O'Neal      Los Angeles Lakers
## 112                 0      Michael Finley        Dallas Mavericks
## 113                 0     Dikembe Mutombo           Atlanta Hawks
## 114                 0        Steve Francis         Houston Rockets
## 115                 0        Chris Webber        Sacramento Kings
## 116                 0          Grant Hill         Detroit Pistons
## 117                 0        Chris Webber        Sacramento Kings
## 118                 0      Kevin Garnett Minnesota Timberwolves
## 119                 0          Jason Kidd            Phoenix Suns
## 120                 0     Alonzo Mourning              Miami Heat
## 121                 0   Shaquille O'Neal      Los Angeles Lakers
## 122                 0        Vince Carter         Toronto Raptors
## 123                 0      Kevin Garnett Minnesota Timberwolves
## 124                 0         Sam Cassell         Milwaukee Bucks
## 125                 0           Ray Allen         Milwaukee Bucks
## 126                 0   Shaquille O'Neal      Los Angeles Lakers
## 127                 0          Jason Kidd            Phoenix Suns
## 128                 0      Cuttino Mobley         Houston Rockets
## 129                 0        Vince Carter         Toronto Raptors
## 130                 0        Shawn Marion            Phoenix Suns
## 131                 0       Allen Iverson    Philadelphia Sixers
## 132                 0 Darrell Armstrong           Orlando Magic
## 133                 0        Chris Webber        Sacramento Kings
## 134                 0        Steve Francis         Houston Rockets
## 135                 0       Allen Iverson    Philadelphia Sixers
## 136                 0         Aaron McKie    Philadelphia Sixers
## 137                 0         Kobe Bryant      Los Angeles Lakers
## 138                 0      Glenn Robinson         Milwaukee Bucks
## 139                 0        Chris Webber        Sacramento Kings
## 140                 0     Antonio McDyess          Denver Nuggets
## 141                 0         Baron Davis       Charlotte Hornets
## 142                 0      Kevin Garnett Minnesota Timberwolves
## 143                 0    Stephon Marbury        New Jersey Nets
## 144                 0         Karl Malone                 Utah Jazz
## 145                 0       John Stockton                 Utah Jazz
##              Date Position Height Weight Age Draft.Year Seasons.in.league
## 1   Jan 27, 1985       PF   6-11    215  32       1974                 9
## 2    Dec 8, 1985        C   6-10    240  27       1980                 4
```

```
## 3    Feb 22, 1987      C    6-10   215   31     1976               10
## 4    Jan 31, 1988     SF    6-7    205   31     1977               10
## 5    Jan 13, 1991     SF    6-7    205   34     1977               13
## 6    Mar 22, 1992      F    6-6    250   22     1991                0
## 7    Jan 19, 1992     PG    6-0    175   25     1989                2
## 8    Jan 12, 1992     SG    6-6    215   29     1984                7
## 9    Dec 29, 1991     SF    6-8    228   26     1987                4
## 10   Dec 22, 1991      C    6-9    210   24     1989                2
## 11   Nov 10, 1991     SF    6-7    215   28     1985                6
## 12   Apr 25, 1993      F    6-6    250   23     1991                1
## 13   Apr 18, 1993      C    6-10   240   23     1992                0
## 14   Apr 11, 1993      C    7-0    255   30     1984                8
## 15   Mar 28, 1993      C    7-2    260   26     1991                1
## 16   Feb 28, 1993      C    7-0    255   30     1984                8
## 17   Feb 14, 1993      F    6-6    250   23     1991                1
## 18   Jan 17, 1993      C    7-0    255   30     1984                8
## 19   Nov 22, 1992     SG    6-6    215   30     1984                8
## 20   Apr 17, 1994     SF    6-8    228   28     1987                6
## 21   Apr 10, 1994      C    7-2    260   27     1991                2
## 22    Apr 3, 1994      C    6-10   280   24     1989                4
## 23   Mar 27, 1994      C    7-0    245   31     1984                9
## 24   Mar 20, 1994      C    7-0    255   31     1984                9
## 25   Feb 27, 1994      C    6-10   280   24     1989                4
## 26   Jan 30, 1994     SG    6-6    185   30     1986                7
## 27    Jan 9, 1994    F-C    6-9    245   20     1993                0
## 28   Dec 26, 1993     SF    6-8    228   28     1987                6
## 29   Nov 28, 1993     SF    6-8    228   26     1989                4
## 30   Nov 14, 1993      C    7-0    255   31     1984                9
## 31   Apr 16, 1995      C    7-2    260   28     1991                3
## 32    Apr 9, 1995     SG    6-7    210   32     1983               11
## 33   Mar 19, 1995     PG    6-4    210   21     1994                0
## 34   Mar 12, 1995      C    7-4    250   28     1988                6
## 35    Feb 5, 1995      C    7-0    255   32     1984               10
## 36   Jan 29, 1995     PG    6-1    170   32     1984               10
## 37   Jan 15, 1995      F    6-6    250   25     1991                3
## 38    Jan 8, 1995      G    6-4    180   26     1990                4
## 39    Jan 1, 1995      C    7-0    255   32     1984               10
## 40   Dec 18, 1994     PF    6-9    265   31     1985                9
## 41   Dec 11, 1994     SF    6-8    247   22     1993                1
## 42   Nov 13, 1994     PG    6-0    175   28     1989                5
## 43   Apr 14, 1996     PF    6-9    240   23     1994                1
## 44   Mar 31, 1996      C    7-3    279   31     1985                0
## 45   Mar 24, 1996     PF    6-10   220   28     1991                4
## 46   Mar 10, 1996     SG    6-6    215   33     1984               10
## 47    Mar 3, 1996      C    7-0    255   33     1984               11
## 48   Feb 25, 1996      C    6-10   280   26     1989                6
## 49    Feb 4, 1996     PG    6-4    210   22     1994                1
## 50   Jan 28, 1996     SG    6-7    185   30     1987                8
## 51   Jan 21, 1996     SG    6-6    215   33     1984               10
## 52    Jan 7, 1996     PF    6-10   225   29     1989                6
## 53   Dec 31, 1995     PF    6-9    265   32     1985               10
## 54   Dec 24, 1995     SG    6-6    215   33     1984               10
## 55   Dec 17, 1995     SF    6-8    228   30     1987                8
## 56   Dec 10, 1995      C    7-2    260   29     1991                4
```

```
## 57    Dec 3, 1995    PG    5-11    180    25    1991              4
## 58   Nov 26, 1995     C    6-10    280    26    1989              6
## 59   Apr 20, 1997   F-C     6-9    245    24    1993              3
## 60   Apr 13, 1997     G     6-0    165    21    1996              0
## 61   Mar 23, 1997    PF     6-9    265    33    1985             11
## 62   Mar 16, 1997    PF     6-9    265    33    1985             11
## 63    Mar 2, 1997    PF     6-9    230    30    1990              6
## 64   Feb 23, 1997    SF     6-8    228    31    1987              9
## 65   Feb 16, 1997     C    6-10    240    27    1992              4
## 66    Feb 2, 1997    SF     6-8    228    29    1989              7
## 67   Jan 26, 1997    SG     6-5    215    31    1988              8
## 68   Jan 12, 1997    SF     6-7    225    24    1994              2
## 69    Jan 5, 1997    SF     6-8    228    29    1989              7
## 70   Dec 29, 1996    PG     6-0    175    30    1989              7
## 71   Dec 22, 1996    PG    5-11    180    26    1991              5
## 72   Dec 15, 1996     C     7-1    325    24    1992              4
## 73    Dec 1, 1996     C     7-2    260    30    1991              5
## 74   Nov 24, 1996    PF     6-6    252    34    1984             12
## 75   Nov 24, 1996    PF     6-9    265    33    1985             11
## 76   Nov 17, 1996    GF     6-7    205    36    1983             13
## 77   Nov 10, 1996     C     7-0    255    34    1984             12
## 78    Apr 5, 1998    SG     6-6    215    35    1984             12
## 79   Mar 29, 1998     C    6-10    240    28    1992              5
## 80   Mar 22, 1998     C     7-1    325    25    1992              5
## 81    Mar 8, 1998    PF     6-9    265    34    1985             12
## 82   Feb 22, 1998    GF     6-6    228    30    1989              8
## 83   Feb 15, 1998    PF     6-9    265    34    1985             12
## 84   Jan 18, 1998     G     6-0    165    22    1996              1
## 85   Jan 11, 1998    SG     6-7    200    28    1991              6
## 86    Jan 4, 1998     C     7-4    250    31    1988              9
## 87   Dec 21, 1997    SG     6-6    215    35    1984             12
## 88   Dec 14, 1997    SF     6-8    228    30    1989              8
## 89    Dec 7, 1997    SG     6-6    195    26    1994              3
## 90   Nov 30, 1997    PF     6-9    265    34    1985             12
## 91   Nov 23, 1997    SG     6-6    215    35    1984             12
## 92   Nov 16, 1997     C     7-1    325    25    1992              5
## 93    Nov 9, 1997     C     7-2    260    31    1991              6
## 94   Apr 25, 1999   F-C     6-9    245    25    1993              5
## 95   Apr 11, 1999    PF     6-9    265    35    1985             13
## 96    Apr 4, 1999    PF    6-11    240    22    1995              3
## 97   Mar 28, 1999    PG     6-0    170    30    1991              4
## 98   Mar 21, 1999    SF     6-6    220    22    1998              0
## 99   Mar 14, 1999     C    6-10    240    29    1992              6
## 100  Feb 28, 1999     F     6-9    245    24    1995              3
## 101  Feb 21, 1999     G     6-2    180    22    1996              2
## 102  Feb 14, 1999     G     6-4    180    30    1990              8
## 103   Feb 7, 1999     C     7-2    260    32    1991              7
## 104  Apr 17, 2000    SG     6-6    212    21    1996              3
## 105  Apr 10, 2000     C    6-10    240    30    1992              7
## 106  Mar 27, 2000    PF    6-11    240    23    1995              4
## 107  Mar 20, 2000     G     6-8    210    27    1994              5
## 108  Mar 13, 2000     C     7-1    325    27    1992              7
## 109   Mar 6, 2000    PF     6-9    265    36    1985             14
## 110  Feb 28, 2000    SF     6-6    220    23    1998              1
```

```
## 111 Feb 22, 2000       C     7-1   325   27        1992                  7
## 112  Feb 7, 2000     G-F     6-7   225   26        1995                  4
## 113 Jan 31, 2000       C     7-2   260   33        1991                  8
## 114 Jan 24, 2000       G     6-3   195   23        1999                  0
## 115 Jan 17, 2000     F-C     6-9   245   27        1993                  6
## 116 Jan 10, 2000      SF     6-8   225   27        1994                  5
## 117  Jan 3, 2000     F-C     6-9   245   27        1993                  6
## 118 Dec 27, 1999      PF    6-11   240   23        1995                  4
## 119 Dec 20, 1999      PG     6-4   210   26        1994                  5
## 120 Dec 13, 1999       C    6-10   240   30        1992                  7
## 121  Dec 5, 1999       C     7-1   325   27        1992                  7
## 122 Nov 21, 1999      SF     6-6   220   23        1998                  1
## 123 Nov 14, 1999      PF    6-11   240   23        1995                  4
## 124  Nov 7, 1999       G     6-3   185   30        1993                  6
## 125 Apr 15, 2001      SG     6-5   205   25        1996                  4
## 126  Apr 8, 2001       C     7-1   325   28        1992                  8
## 127  Apr 1, 2001      PG     6-4   210   27        1994                  6
## 128 Mar 18, 2001       G     6-4   190   25        1998                  2
## 129  Mar 4, 2001      SF     6-6   220   24        1998                  2
## 130 Feb 25, 2001       F     6-7   228   22        1999                  1
## 131 Feb 18, 2001       G     6-0   165   25        1996                  4
## 132  Feb 4, 2001      PG     6-0   170   32        1991                  6
## 133 Jan 22, 2001     F-C     6-9   245   28        1993                  7
## 134 Jan 14, 2001       G     6-3   195   24        1999                  1
## 135  Jan 7, 2001       G     6-0   165   25        1996                  4
## 136 Dec 31, 2000       G     6-5   209   28        1994                  6
## 137 Dec 24, 2000      SG     6-6   212   22        1996                  4
## 138 Dec 17, 2000      SF     6-7   225   28        1994                  6
## 139 Dec 10, 2000     F-C     6-9   245   28        1993                  7
## 140  Dec 3, 2000       F     6-9   245   26        1995                  5
## 141 Nov 26, 2000       G     6-3   215   21        1999                  1
## 142 Nov 19, 2000      PF    6-11   240   24        1995                  5
## 143 Nov 12, 2000       G     6-2   180   24        1996                  4
## 144  Nov 6, 2000      PF     6-9   265   37        1985                 15
## 145  Nov 6, 2000      PG     6-1   170   38        1984                 16
##        Season Season.short Real_value
## 1   1984-1985         1985           1
## 2   1985-1986         1986           1
## 3   1986-1987         1987           1
## 4   1987-1988         1988           1
## 5   1990-1991         1991           1
## 6   1991-1992         1992           1
## 7   1991-1992         1992           1
## 8   1991-1992         1992           1
## 9   1991-1992         1992           1
## 10  1991-1992         1992           1
## 11  1991-1992         1992           1
## 12  1992-1993         1993           1
## 13  1992-1993         1993           1
## 14  1992-1993         1993           1
## 15  1992-1993         1993           1
## 16  1992-1993         1993           1
## 17  1992-1993         1993           1
## 18  1992-1993         1993           1
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## 19   1992-1993        1993         1
## 20   1993-1994        1994         1
## 21   1993-1994        1994         1
## 22   1993-1994        1994         1
## 23   1993-1994        1994         1
## 24   1993-1994        1994         1
## 25   1993-1994        1994         1
## 26   1993-1994        1994         1
## 27   1993-1994        1994         1
## 28   1993-1994        1994         1
## 29   1993-1994        1994         1
## 30   1993-1994        1994         1
## 31   1994-1995        1995         1
## 32   1994-1995        1995         1
## 33   1994-1995        1995         1
## 34   1994-1995        1995         1
## 35   1994-1995        1995         1
## 36   1994-1995        1995         1
## 37   1994-1995        1995         1
## 38   1994-1995        1995         1
## 39   1994-1995        1995         1
## 40   1994-1995        1995         1
## 41   1994-1995        1995         1
## 42   1994-1995        1995         1
## 43   1995-1996        1996         1
## 44   1995-1996        1996         1
## 45   1995-1996        1996         1
## 46   1995-1996        1996         1
## 47   1995-1996        1996         1
## 48   1995-1996        1996         1
## 49   1995-1996        1996         1
## 50   1995-1996        1996         1
## 51   1995-1996        1996         1
## 52   1995-1996        1996         1
## 53   1995-1996        1996         1
## 54   1995-1996        1996         1
## 55   1995-1996        1996         1
## 56   1995-1996        1996         1
## 57   1995-1996        1996         1
## 58   1995-1996        1996         1
## 59   1996-1997        1997         1
## 60   1996-1997        1997         1
## 61   1996-1997        1997         1
## 62   1996-1997        1997         1
## 63   1996-1997        1997         1
## 64   1996-1997        1997         1
## 65   1996-1997        1997         1
## 66   1996-1997        1997         1
## 67   1996-1997        1997         1
## 68   1996-1997        1997         1
## 69   1996-1997        1997         1
## 70   1996-1997        1997         1
## 71   1996-1997        1997         1
## 72   1996-1997        1997         1
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## 73  1996-1997          1997            1
## 74  1996-1997          1997            1
## 75  1996-1997          1997            1
## 76  1996-1997          1997            1
## 77  1996-1997          1997            1
## 78  1997-1998          1998            1
## 79  1997-1998          1998            1
## 80  1997-1998          1998            1
## 81  1997-1998          1998            1
## 82  1997-1998          1998            1
## 83  1997-1998          1998            1
## 84  1997-1998          1998            1
## 85  1997-1998          1998            1
## 86  1997-1998          1998            1
## 87  1997-1998          1998            1
## 88  1997-1998          1998            1
## 89  1997-1998          1998            1
## 90  1997-1998          1998            1
## 91  1997-1998          1998            1
## 92  1997-1998          1998            1
## 93  1997-1998          1998            1
## 94  1998-1999          1999            1
## 95  1998-1999          1999            1
## 96  1998-1999          1999            1
## 97  1998-1999          1999            1
## 98  1998-1999          1999            1
## 99  1998-1999          1999            1
## 100 1998-1999          1999            1
## 101 1998-1999          1999            1
## 102 1998-1999          1999            1
## 103 1998-1999          1999            1
## 104 1999-2000          2000            1
## 105 1999-2000          2000            1
## 106 1999-2000          2000            1
## 107 1999-2000          2000            1
## 108 1999-2000          2000            1
## 109 1999-2000          2000            1
## 110 1999-2000          2000            1
## 111 1999-2000          2000            1
## 112 1999-2000          2000            1
## 113 1999-2000          2000            1
## 114 1999-2000          2000            1
## 115 1999-2000          2000            1
## 116 1999-2000          2000            1
## 117 1999-2000          2000            1
## 118 1999-2000          2000            1
## 119 1999-2000          2000            1
## 120 1999-2000          2000            1
## 121 1999-2000          2000            1
## 122 1999-2000          2000            1
## 123 1999-2000          2000            1
## 124 1999-2000          2000            1
## 125 2000-2001          2001            1
## 126 2000-2001          2001            1
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## 127 2000-2001       2001       1
## 128 2000-2001       2001       1
## 129 2000-2001       2001       1
## 130 2000-2001       2001       1
## 131 2000-2001       2001       1
## 132 2000-2001       2001       1
## 133 2000-2001       2001       1
## 134 2000-2001       2001       1
## 135 2000-2001       2001       1
## 136 2000-2001       2001       1
## 137 2000-2001       2001       1
## 138 2000-2001       2001       1
## 139 2000-2001       2001       1
## 140 2000-2001       2001       1
## 141 2000-2001       2001       1
## 142 2000-2001       2001       1
## 143 2000-2001       2001       1
## 144 2000-2001       2001       1
## 145 2000-2001       2001       1
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According to the output of the previous command, only the entries of Washington Bullets players are still without a content in the Conference field. That's a little awkward because I don't believe none of the players of this team own the Player of the Week since 1997. Thus, I decided to do some research on Washington Bullets: According to Wikipedia, in 1997 the director board of the Washington Bullets rebranded themselves as the Wizards.