

Laboratorio-6.R

User

2021-09-03

```
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# 8/31/2021
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#####
#Laboratorio 6

teams = c('UtJ', 'PhS', 'DnN', 'LAC', 'DlM', 'PTB', 'LAL', 'MeG', 'GSW', 'SAS', 'NOP', 'SaK', 'MiT', 'O

wins <- c(52, 51, 47, 47, 42, 42, 42, 38, 39, 33, 31, 31, 23, 22, 17)

losses <- c(20, 21, 25, 25, 30, 30, 30, 34, 33, 39, 41, 41, 49, 50, 55)

points_scored <- c(116.4, 115.3, 115.1, 114.0, 112.4, 116.1, 109.5, 113.3, 113.7, 111.1, 114.6, 113.7, 1

points_against <- c(107.2, 109.5, 110.1, 107.8, 110.2, 114.3, 106.8, 112.3, 112.7, 112.8, 114.9, 117.4, 1

rating <- c(8.97, 5.67, 4.82, 6.02, 2.26, 1.81, 2.77, 1.07, 1.10, -1.58, -0.20, -3.45, -5.25, -10.13, -7

games_behind <- wins[1] - wins

win_loss_perc = wins / (wins + losses)
win_loss_perc

## [1] 0.7222222 0.7083333 0.6527778 0.6527778 0.5833333 0.5833333 0.5833333
## [8] 0.5277778 0.5416667 0.4583333 0.4305556 0.4305556 0.3194444 0.3055556
## [15] 0.2361111

length(teams)

## [1] 15

teams[length(teams)]

## [1] "HoR"

sort(wins, decreasing = TRUE)

## [1] 52 51 47 47 42 42 42 39 38 33 31 31 23 22 17

rev(wins)

## [1] 17 22 23 31 31 33 39 38 42 42 42 47 47 51 52

dat = data.frame(Teams = teams, Wins = wins, Losses = losses, WLperc = win_loss_perc)

standings <- data.frame(wins, losses, win_loss_perc, games_behind, points_scored, points_against)
```

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sort(points_scored, decreasing = TRUE)
```

```
## [1] 116.4 116.1 115.3 115.1 114.6 114.0 113.7 113.7 113.3 112.4 112.1 111.1  
## [13] 109.5 108.8 105.0
```