Data 607 - WNBA 2022

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Overview

The Data I will be working with for this assignment "2022 WNBA Predictions." This database tracks and records the WNBA teams, who the home team played, their win probability, pre and post game ratings, and score.

The dataset was taken from: https://projects.fivethirtyeight.com/2022-wnba-predictions/

Load data from GitHub

```
WNBAPredictions2022 = read.table(file="https://raw.githubusercontent.com/Meccamarshall/Data607/main/wnba
```

Reading the data in the Dataframe

```
WNBAPredictions2022 <- data.frame(WNBAPredictions2022$season, WNBAPredictions2022$date, WNBAPredictions2
colnames(WNBAPredictions2022) <- c("Season", "Date", "Playoff", "Neutral", "Status", "Home Team", "Away
WNBAPredictions2022
```

Home Team Games

```
HomeGame_sub <- subset(WNBAPredictions2022)
HomeGame_sub <- head(HomeGame_sub, 10)[, c("Home Team", "Away Team", "Home Team Score", "Away Team Score
HomeGame_sub
```

```
##           Home Team       Away Team Home Team Score Away Team Score
## 1  Washington Mystics     Indiana Fever              84              70
## 2         Chicago Sky Los Angeles Sparks             91              98
## 3      Phoenix Mercury    Las Vegas Aces             88             106
## 4        Seattle Storm    Minnesota Lynx             97              74
## 5     New York Liberty   Connecticut Sun             81              79
## 6         Dallas Wings     Atlanta Dream             59              66
## 7        Indiana Fever Los Angeles Sparks            77              87
## 8       Minnesota Lynx Washington Mystics            66              78
## 9       Las Vegas Aces     Seattle Storm            85              74
## 10       Indiana Fever    Minnesota Lynx            82              76
```

Top 5 games with highest home game wins

```
HomeGame <- arrange(HomeGame_sub, desc(HomeGame_sub$`Home Team Score`))
HomeGame <- head(HomeGame_sub, 5)[, c("Home Team Score" , "Away Team Score", "Home Team", "Away Team")]
HomeGame
```

```
##    Home Team Score Away Team Score        Home Team        Away Team
```

```
## 1               84              70 Washington Mystics      Indiana Fever
## 2               91              98          Chicago Sky Los Angeles Sparks
## 3               88             106      Phoenix Mercury     Las Vegas Aces
## 4               97              74         Seattle Storm     Minnesota Lynx
## 5               81              79      New York Liberty   Connecticut Sun
```

Away Team Games

```
AwayGame_sub <- subset(WNBAPredictions2022)
AwayGame_sub <- head(AwayGame_sub,10)[, c("Home Team", "Away Team", "Home Team Score", "Away Team Score
AwayGame_sub
```

```
##                Home Team          Away Team Home Team Score Away Team Score
## 1     Washington Mystics       Indiana Fever              84              70
## 2            Chicago Sky Los Angeles Sparks              91              98
## 3        Phoenix Mercury      Las Vegas Aces              88             106
## 4          Seattle Storm       Minnesota Lynx              97              74
## 5       New York Liberty     Connecticut Sun              81              79
## 6           Dallas Wings       Atlanta Dream              59              66
## 7          Indiana Fever Los Angeles Sparks              77              87
## 8         Minnesota Lynx  Washington Mystics              66              78
## 9         Las Vegas Aces       Seattle Storm              85              74
## 10         Indiana Fever       Minnesota Lynx              82              76
```

Top 5 games with highest away game wins

```
AwayGame <- arrange(AwayGame_sub, desc(AwayGame_sub$`Away Team Score`))
AwayGame <- head(AwayGame_sub,5)[, c("Home Team Score" , "Away Team Score", "Home Team", "Away Team")]
AwayGame
```

```
##   Home Team Score Away Team Score          Home Team          Away Team
## 1              84              70 Washington Mystics      Indiana Fever
## 2              91              98          Chicago Sky Los Angeles Sparks
## 3              88             106      Phoenix Mercury     Las Vegas Aces
## 4              97              74         Seattle Storm     Minnesota Lynx
## 5              81              79      New York Liberty   Connecticut Sun
```

Conclusion

The Las Vegas Aces won the 2022 championship