Models

Import Libraries

```
library(readr)
```

Import Data

```
games = read_csv('../Datasets/Final_Data.csv')[-1]
```

```
## New names:
## Rows: 1066 Columns: 52
## -- Column specification
## ---------------------------------------------------------- Delimiter: "," dbl
## (52): ...1, Home ID, Away ID, Game_id, Day, Home_pts, Away_pts, Spread_P...
## i Use 'spec()' to retrieve the full column specification for this data. i
## Specify the column types or set 'show_col_types = FALSE' to quiet this message.
## * '' -> '...1'
```

```
games
```

```
## # A tibble: 1,066 x 51
##    Home I~1 Away ~2 Game_id   Day Home_~3 Away_~4 Sprea~5 Spread Home_~6 Away_~7
##       <dbl>   <dbl>   <dbl> <dbl>   <dbl>   <dbl>   <dbl>  <dbl>   <dbl>   <dbl>
##  1   1.61e9  1.61e9  2.22e7     1     126     117     4.5      9       6       4
##  2   1.61e9  1.61e9  2.22e7     1     123     109     7.5     14      11       9
##  3   1.61e9  1.61e9  2.22e7     2     117     107    15       10       4      15
##  4   1.61e9  1.61e9  2.22e7     2     108     116     8.5     -8       8      12
##  5   1.61e9  1.61e9  2.22e7     2     115     108    12.5      7      14      16
##  6   1.61e9  1.61e9  2.22e7     2     108     130     4.5    -22       9      21
##  7   1.61e9  1.61e9  2.22e7     2     107     114     2.5     -7      12      14
##  8   1.61e9  1.61e9  2.22e7     2     107     105     2.5      2       8       5
##  9   1.61e9  1.61e9  2.22e7     2     108     115     1       -7       4      11
## 10   1.61e9  1.61e9  2.22e7     2     102     129     1.5    -27      14      14
## # ... with 1,056 more rows, 41 more variables: Home_FGPct <dbl>,
## #   Away_FGPct <dbl>, Home_3Pct <dbl>, Away_3Pct <dbl>, Home_Steals <dbl>,
## #   Away_Steals <dbl>, Home_TPG <dbl>, Away_TPG <dbl>, Home_TSG <dbl>,
## #   Away_TSG <dbl>, Home_TOG <dbl>, Away_TOG <dbl>, Home_PPG <dbl>,
## #   Away_PPG <dbl>, Home_SPG <dbl>, Away_SPG <dbl>, Home_OPG <dbl>,
## #   Away_OPG <dbl>, Matchup_ID <dbl>, Left_ID <dbl>, Right_ID <dbl>,
## #   Left_pts <dbl>, Right_pts <dbl>, Left_FGPct <dbl>, Right_FGPct <dbl>, ...
```

Total Points

ppp

pp