# R Football Analytics Basics

## 2025-07-23

### Yards By week for The Chicago Bears

```r
chicago_bears_24 <- season_24 %>%
  filter(posteam == "CHI") %>%
  select(week, yards_gained) %>%
  group_by(week) %>%
  summarize(yards_per_week = sum(yards_gained, na.rm = TRUE))

head(chicago_bears_24)
```

```
## # A tibble: 6 x 2
##    week yards_per_week
##   <int>          <dbl>
## 1     1            150
## 2     2            205
## 3     3            395
## 4     4            264
## 5     5            424
## 6     6            373
```

```r
ggplot(chicago_bears_24, aes(x = week, y = yards_per_week)) +
  geom_line()
```