Gafur and Sean

1) Rmse was 2.92
2) We can see that the trendlines for men and women are different when we add the color aesthetic of "Gender"
3) This is the whole code block we implemented:

```
Beerwings <- read.csv("~/Documents/math133/datasets/Beerwings.csv")

library(ggplot2)
library(dplyr)

Beerwings %>%
  ggplot(aes(x=Beer, y=Hotwings, col=Gender))+
  geom_point()+
  geom_smooth(method='lm', se=FALSE)

hw_lm = lm(Hotwings~Beer, data=Beerwings)

#predicting
y=Beerwings$Hotwings
x=Beerwings$Beer

yhat = predict(hw_lm, Beerwings)

#install.packages("Metrics")
library(Metrics)

rmse_beer= rmse(y, yhat)
c(rmse_beer)
```

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