Exercise 4b

Your Name

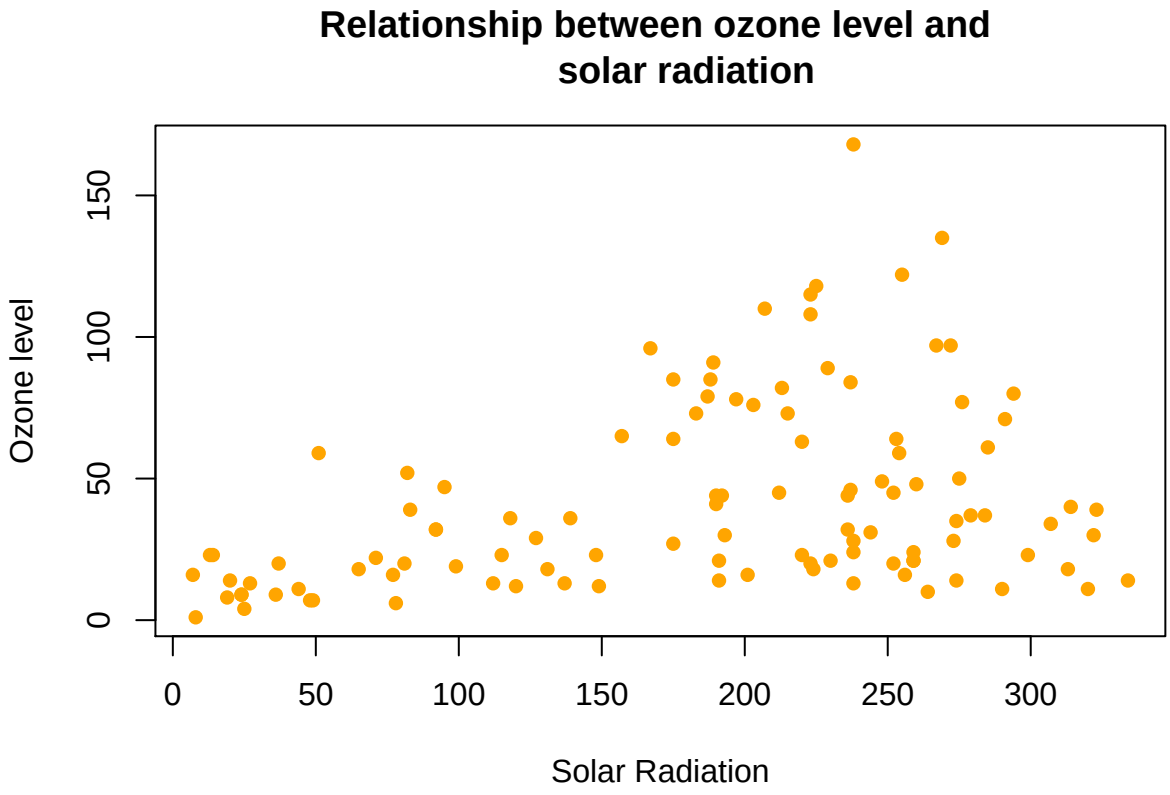
9 October 2015

Import the ozone dataset into R

```
weather <- read.csv("ozone.csv")
```

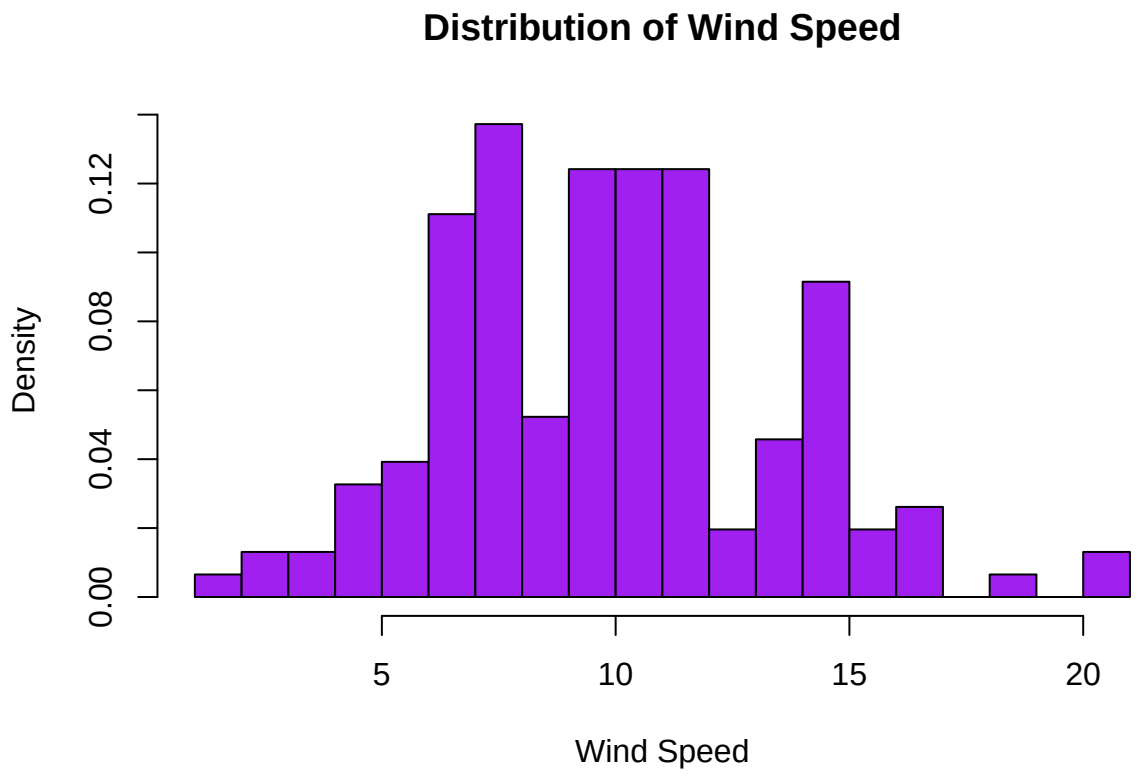
Scatter plot of solar radiation versus ozone level; points coloured in orange with filled circles

```
plot(weather$Solar.R, weather$Ozone, col="orange", pch=16,
     ylab="Ozone level", xlab="Solar Radiation",
     main="Relationship between ozone level and
     solar radiation")
```



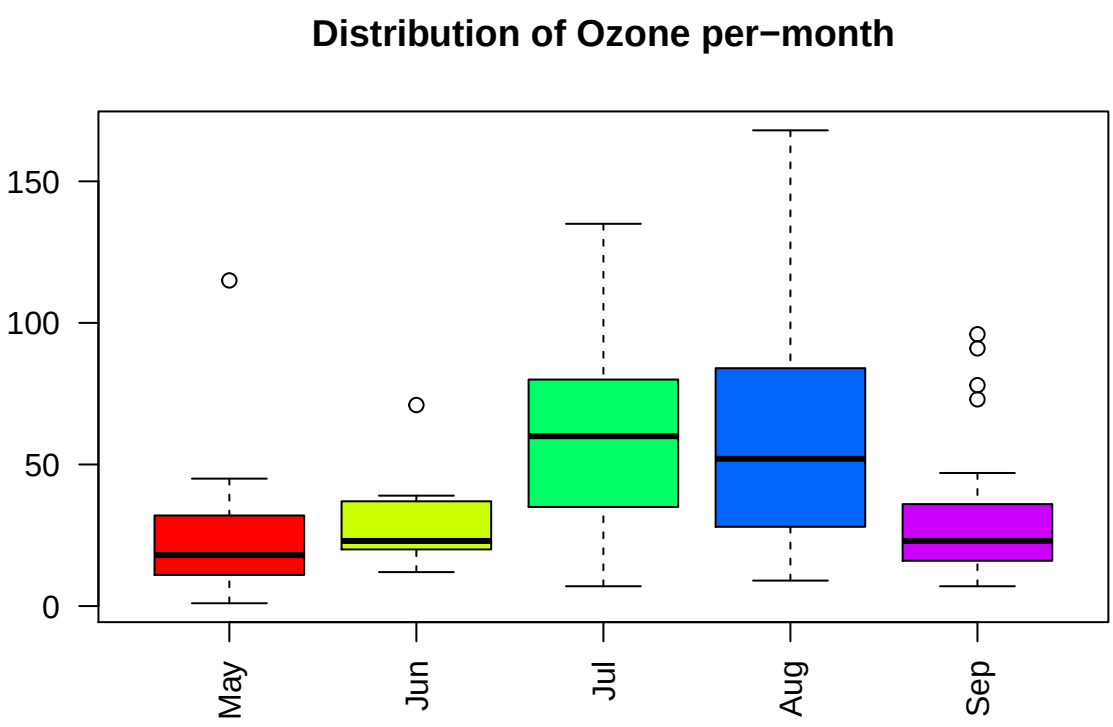
Histogram of Wind Speed; density on y axis, coloured purple, broken into bins of size 1 unit

```
hist(weather$Wind, col="purple", xlab="Wind Speed",
     main="Distribution of Wind Speed", breaks = 20,
     freq=FALSE)
```



Boxplot of Ozone level per-month; different colours for each month

```
boxplot(weather$Ozone~weather$Month,col=rainbow(5),
        names=c("May", "Jun", "Jul", "Aug","Sep"),
        las=2,lab="Ozone Level",
        main="Distribution of Ozone per-month")
```


Distribution of Ozone per−month
150
100
50
0
May
Jun
Jul
Aug
Sep