

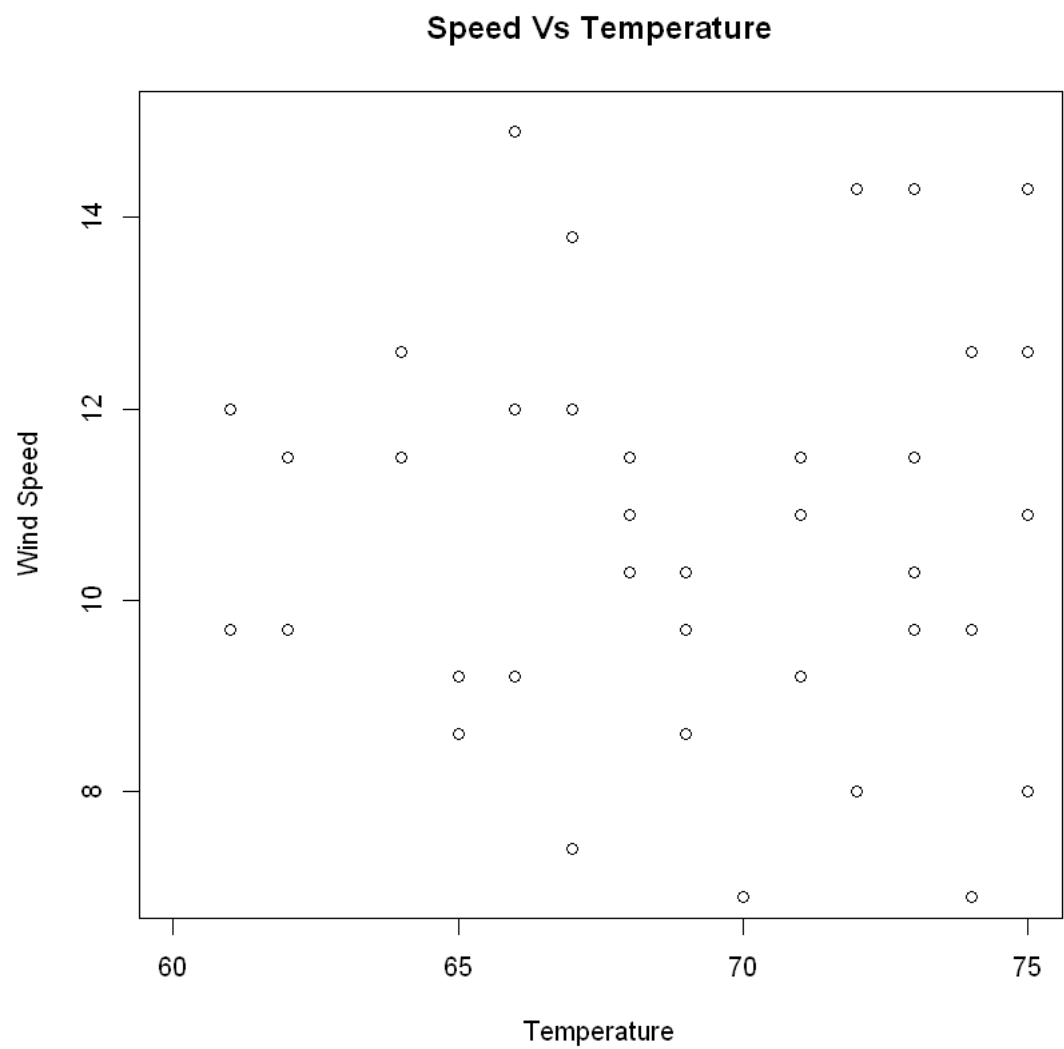
In [9]:

```
1 #Q1 Scatter plot compare wind and temperature
2 data=airquality
3 head(airquality)
```

Ozone	Solar.R	Wind	Temp	Month	Day
41	190	7.4	67	5	1
36	118	8.0	72	5	2
12	149	12.6	74	5	3
18	313	11.5	62	5	4
NA	NA	14.3	56	5	5
28	NA	14.9	66	5	6

In [11]:

```
1 plot(x=data$Temp,
2      y=data$Wind,
3      xlab="Temperature",
4      ylab="Wind Speed",
5      xlim=c(60,75),
6      ylim=c(7,15),
7      main="Speed Vs Temperature")
```



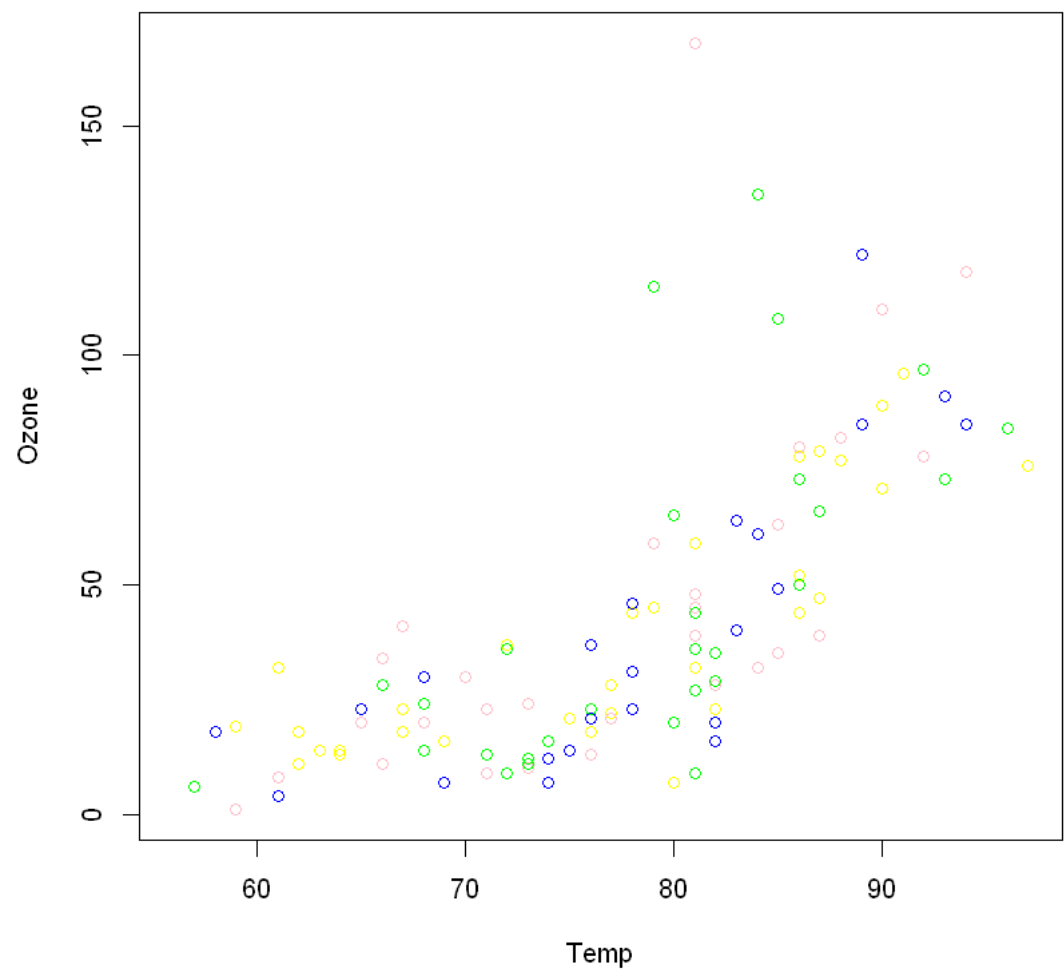
In [7]:

```
1 #Q2 scatter plot relation btw ozone and wind
2 data=airquality
```

Ozone	Solar.R	Wind	Temp	Month	Day
41	190	7.4	67	5	1
36	118	8.0	72	5	2
12	149	12.6	74	5	3
18	313	11.5	62	5	4
NA	NA	14.3	56	5	5
28	NA	14.9	66	5	6

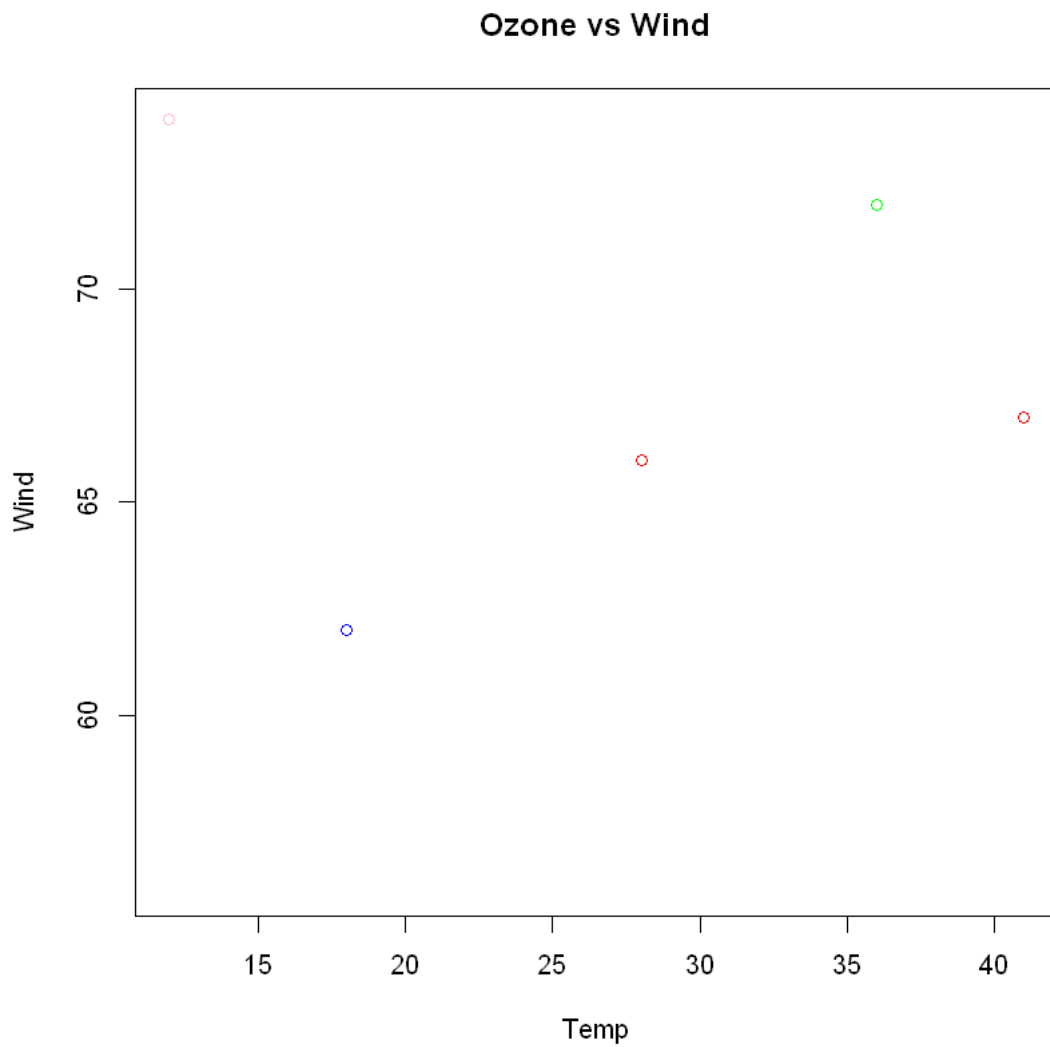
In [15]:

```
1 with(airquality,plot(Ozone~Temp,col=c("pink","green","blue","yellow")))
```



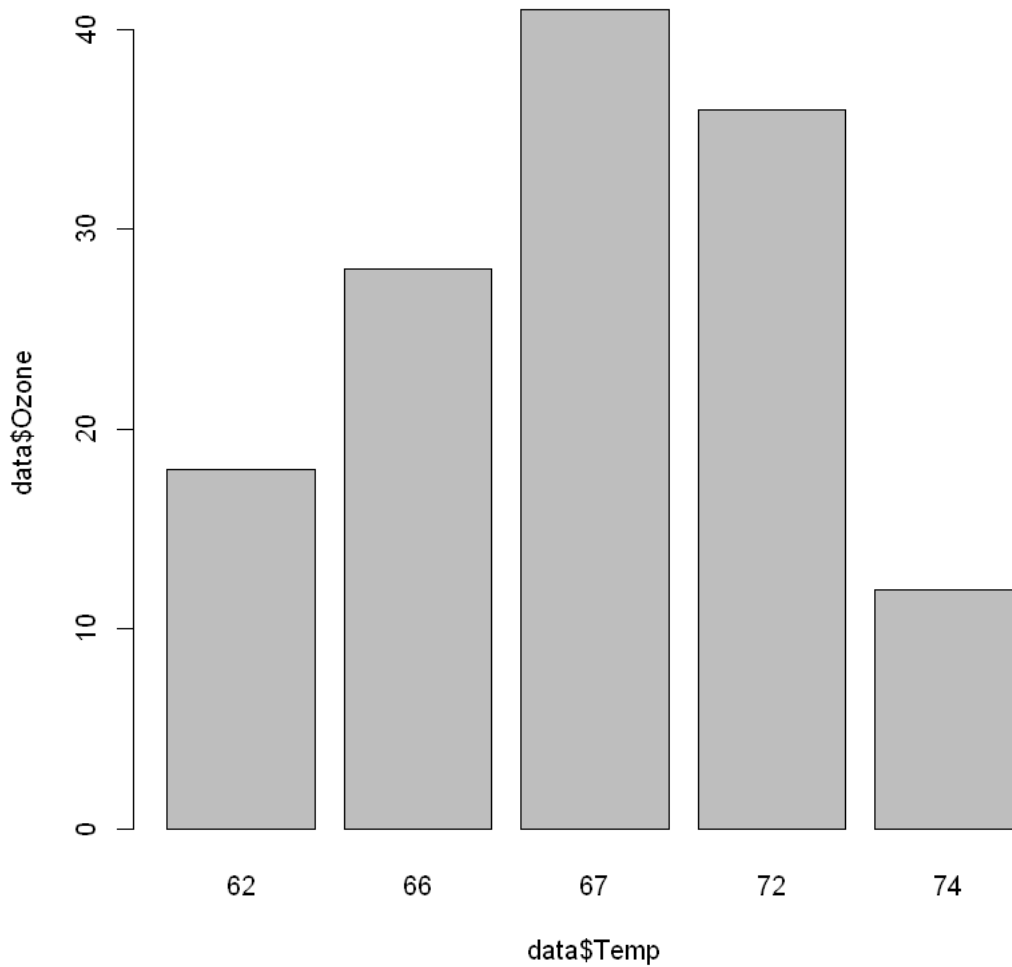
In [26]:

```
1                                     #Q2
2 data=head(airquality)
3 plot(x=data$Ozone,y=data$Temp,
4       main="Ozone vs Wind",
5       xlab="Temp",
6       ylab="Wind",
7       col=c("red","green","pink","blue","yellow"))
8
9
10
```



In [35]:

```
1                                     #Q3 barplot show ozone level for days having temperqtue>70
2 data=head(airquality)
3 barplot(data$Ozone~data$Temp)
4
```



In [34]:

```
1
```

Error in data\$Ozone: \$ operator is invalid for atomic vectors
Traceback:

```
1. barplot(data$Ozone ~ data$Temp)
2. barplot.formula(data$Ozone ~ data$Temp)
3. eval(m, parent.frame())
4. eval(m, parent.frame())
5. stats::model.frame(formula = data$Ozone ~ data$Temp)
6. model.frame.default(formula = data$Ozone ~ data$Temp)
7. eval(predvars, data, env)
8. eval(predvars, data, env)
```

In []:

```
1
```