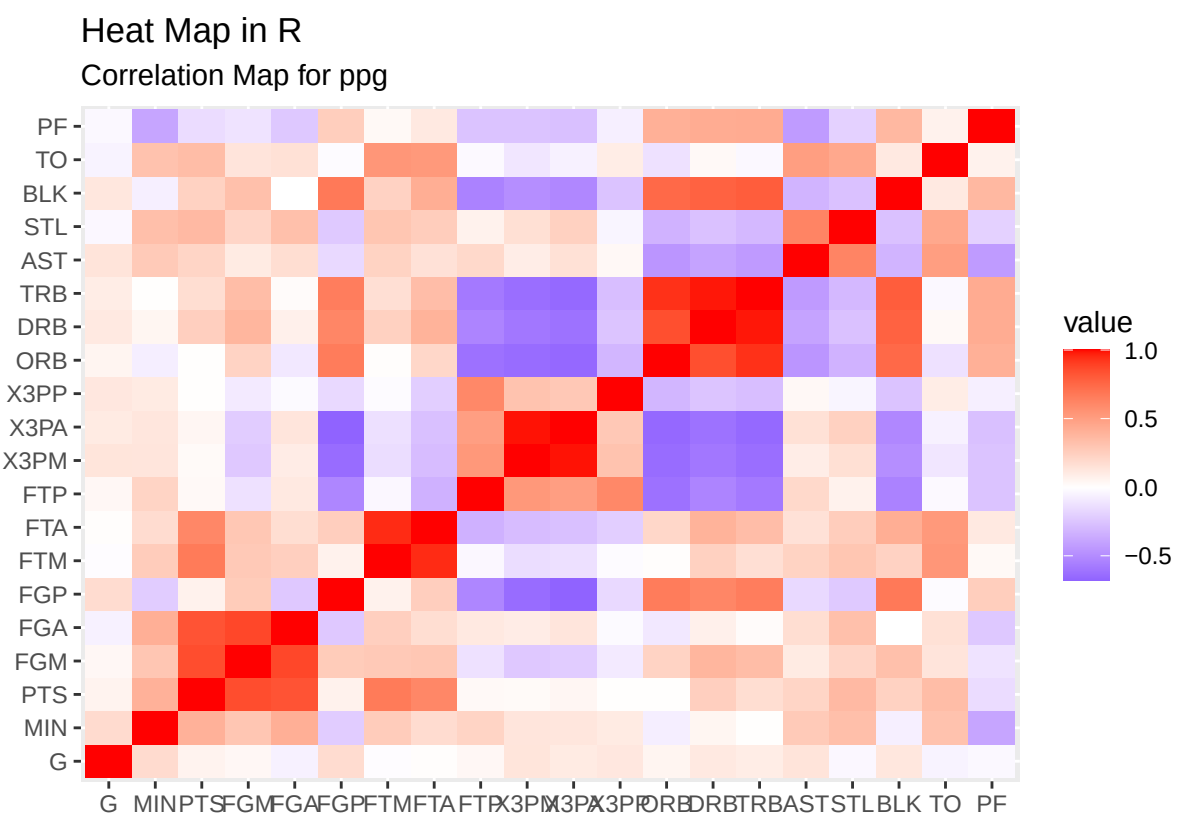
R Notebook

```
ppg <- read.csv('ppg2008.csv')
costco <- read.csv("costcos-geocoded.csv")
```

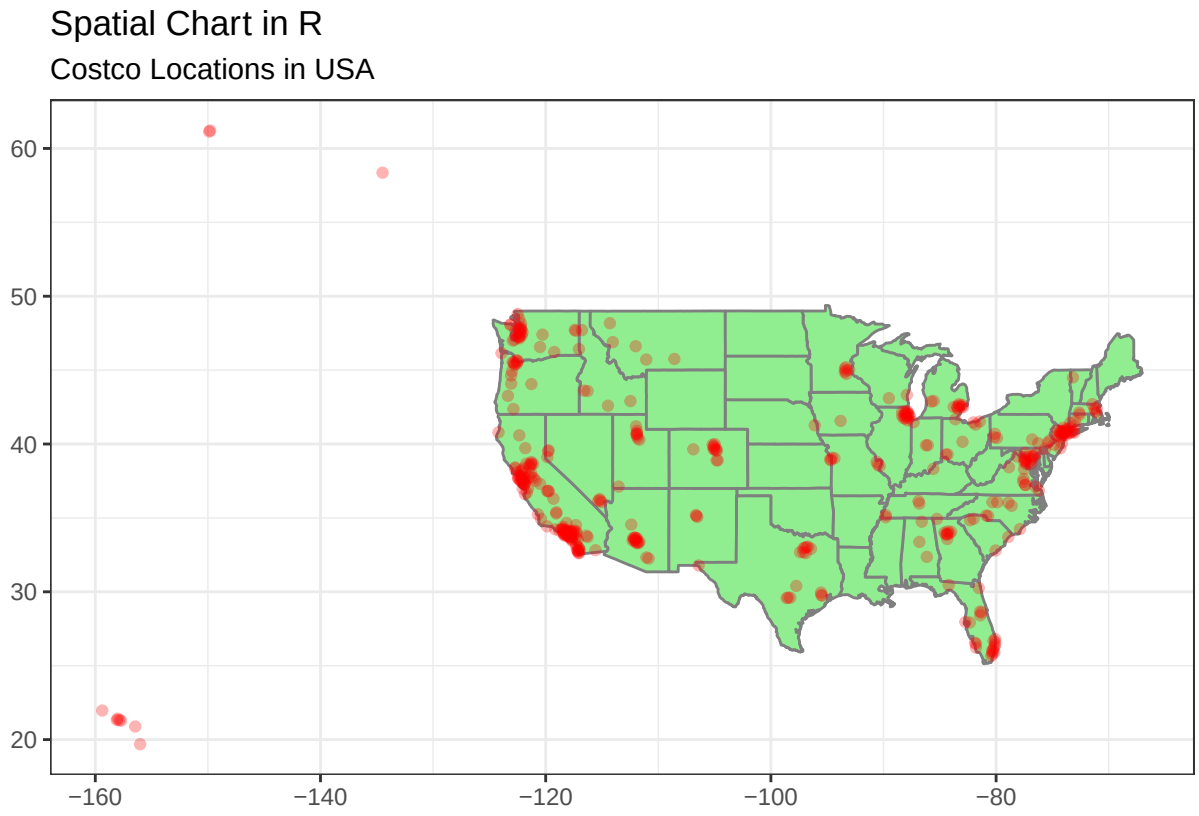
```
library(ggplot2)
library(reshape2)
```

```
## Warning: package 'reshape2' was built under R version 3.6.3
```

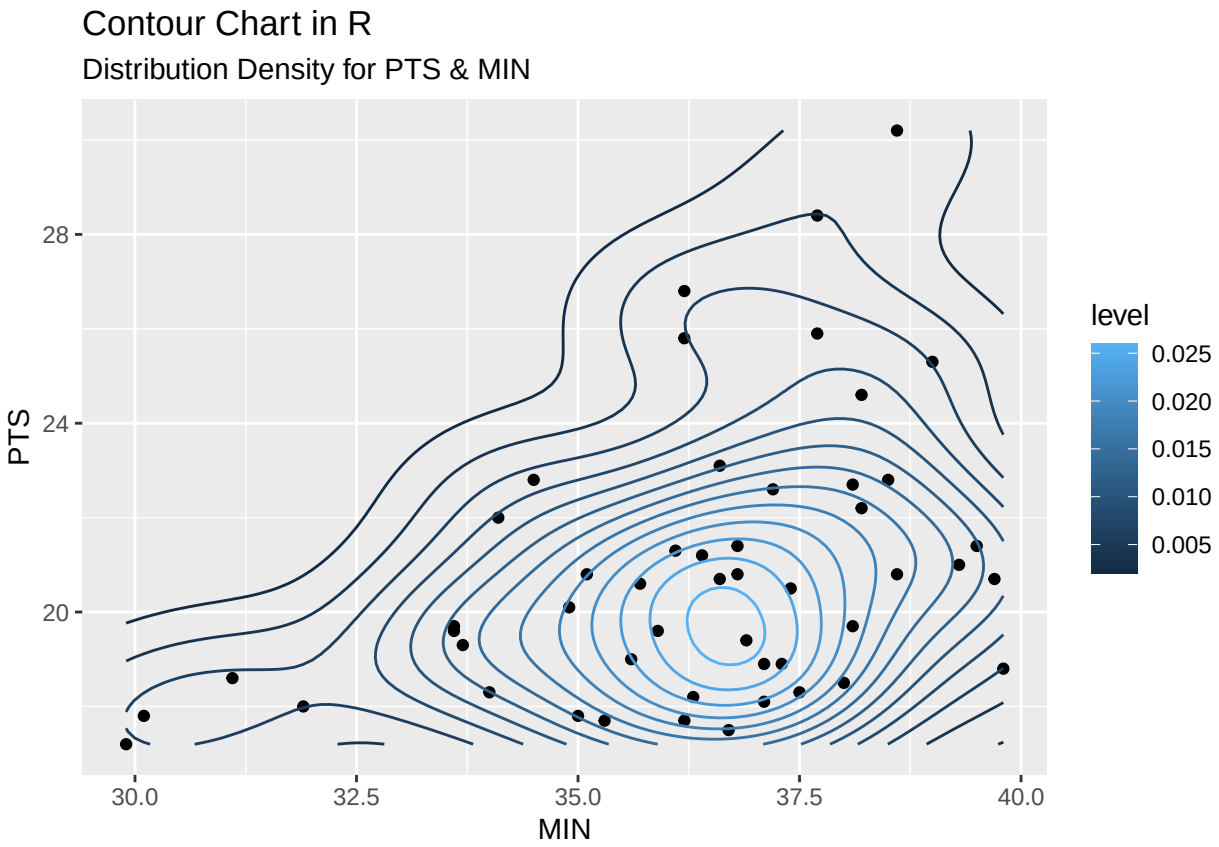
```
full <- melt(cor(ppg[2:21]))
ggplot(full, aes(x = Var1, y = Var2, fill= value )) + geom_tile()+ scale_fill_gradient2(low="blue", high
```




```
ggplot(costco, aes(y= Latitude, x= Longitude))  + borders(database = "state", fill= 'lightgreen') + geom
```




```
ggplot(ppg, aes(x= MIN, y= PTS)) + geom_point() + geom_density2d(aes(color = ..level..), show.legend = T
```


Contour Chart in R
Distribution Density for PTS & MIN
PTS
28
24
20
30.0
32.5
35.0
37.5
40.0
MIN
level
0.025
0.020
0.015
0.010
0.005