

Assignment 5.2

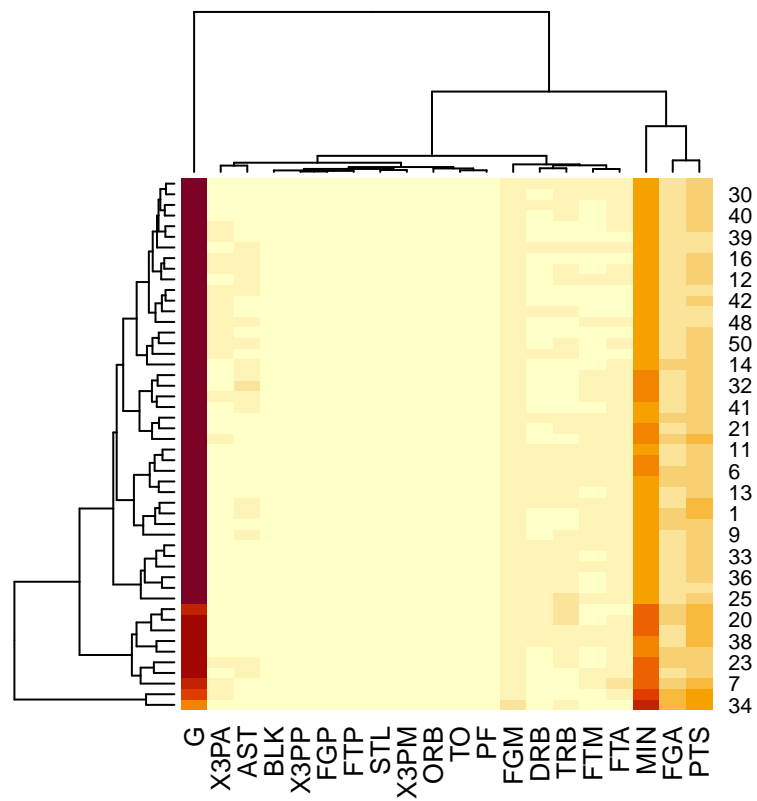
Veera Koppula

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You need to submit 3 heat maps, 3 spatial charts and 3 contour charts using Tableau or PowerBI, Python and R using the data below (or your own datasets). You can also use D3. You can choose which library to use in Python or R, documentation is provided to help you decide and as you start to play around in the libraries, you will decide which you prefer.

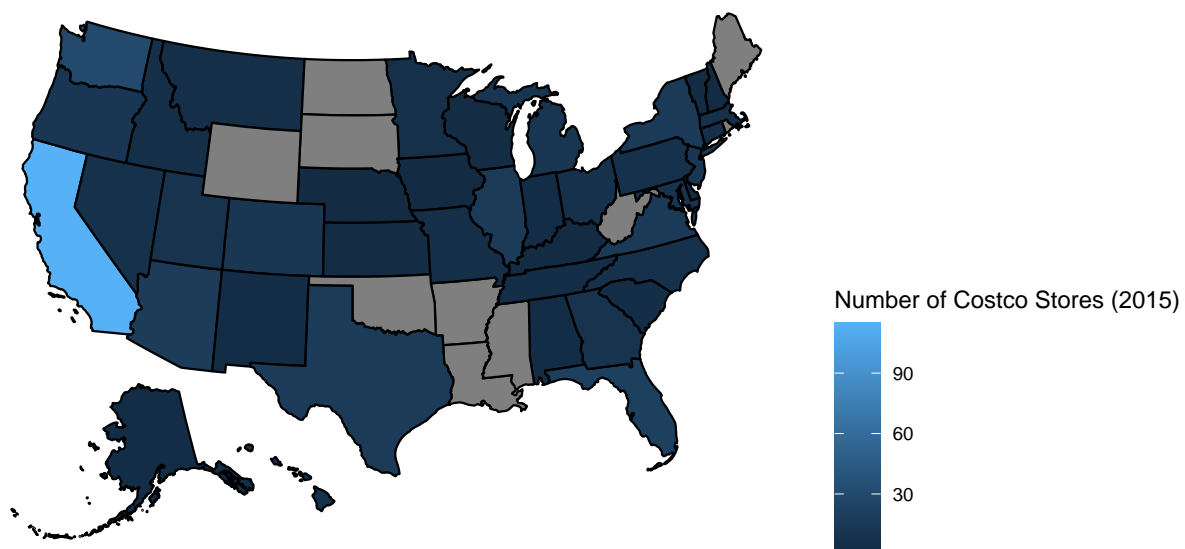
```
## Loading required package: ggplot2
## Google's Terms of Service: https://cloud.google.com/maps-platform/terms/.
## Please cite ggmap if you use it! See citation("ggmap") for details.
##
## Attaching package: 'ggmap'
## The following object is masked from 'package:magrittr':
##
##      inset
```

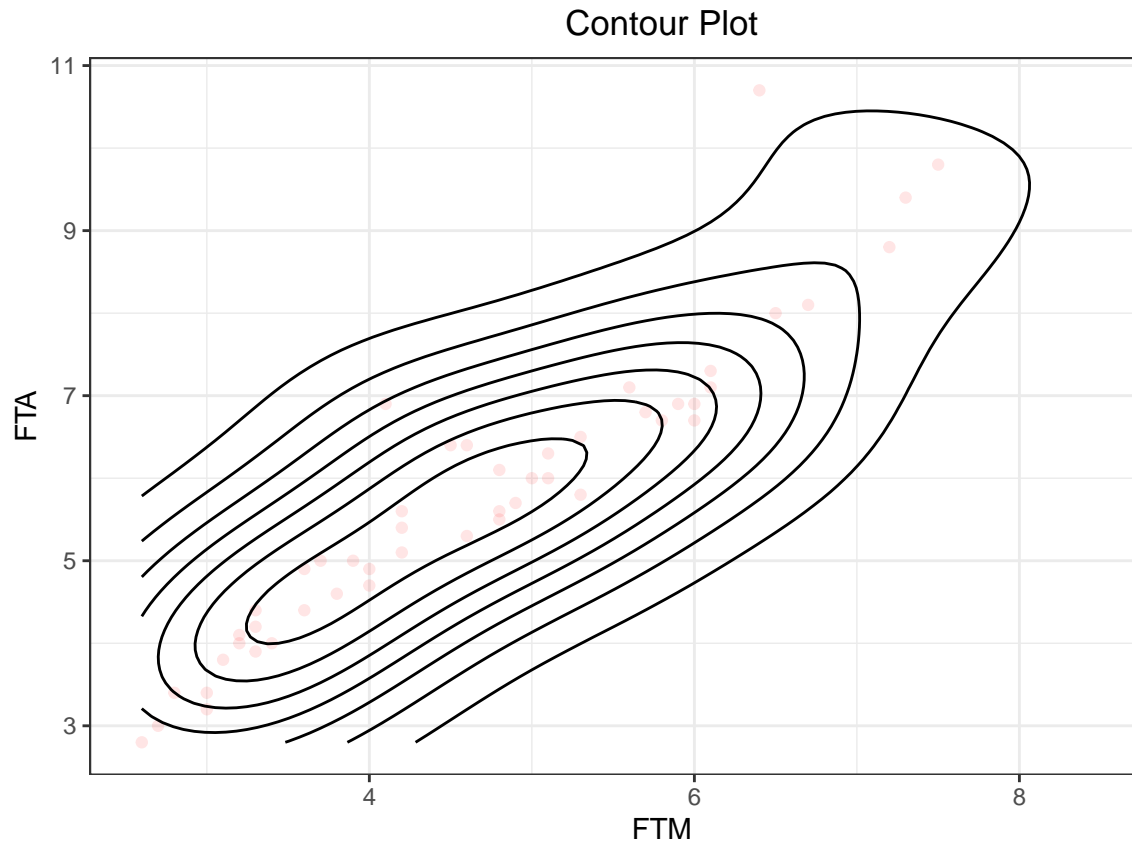
Plot1: Heat Map



Plot2: Spatial Chart

Warning: Ignoring unknown parameters: lines





Plot3: Contour Plot