7/6/2019 wikipedia.r

```
library("car")
 1
   library("MASS")
 2
   library("RJSONIO")
 3
4
5
   data <- read.csv("people.csv")</pre>
7
   write(toJSON(sapply(data[-(1:5)],mean)), file="mean.json")
   write(toJSON(sapply(data[-(1:5)],sd)), file="sd.json")
8
9
    standardized = as.data.frame(scale(data[-(1:5)]))
10
11
    ranking = prcomp(standardized)
12
13
   screeplot(ranking, type="lines")
14
15
16
   write(toJSON(ranking$rotation), file="pca.json")
17
   write.csv(ranking$rotation, file="pca.csv")
18
```