

On line data classification Application

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Application structure

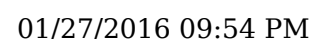
This simple on-line application will read a csv file, and plot the classification results. The application mainly contains 3 parts:

- UI
- Server
- Help file

The UI mainly contains the following components:

- File Input to read the textfile
- Checkbox Input indicating whether the text file has a header
- Radio button to select the separator for the text file
- Radio button to select the classification method
- Numeric input for numberof class if the classification method is “k means clustering”
- A link for help file

```
library(cluster)
data<- read.csv("kc_house_data.csv")
kc<- kmeans(data,centers=4)
clusplot(data,kc$cluster,color=TRUE,shade=TRUE,labels
=2)
```



The help file contains a step by step guide and a simple instructions on the usage of the application.