## Data Mining Assignment 1

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1. Read the *usedcars.csv* file into R studio:

```
>usedcars<-read.csv('M:/milina/Registered_Courses_2018_Spring/Data Mining/week1/us
edcars.csv', header=TRUE, sep=',')
```

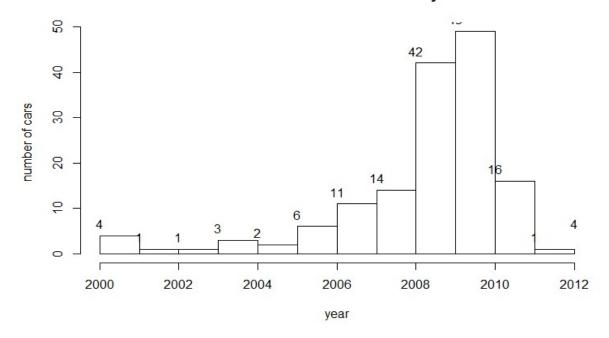
2. Using str() command to investigate the structure of data frame usedcars

3. Use his() to display the number of cars made in each year

```
a<-hist(usedcars$year, freq=TRUE, breaks=c(2000,2001,2002,2003,2004,2005,2006,2007,
2008,2009,2010,2011,2012),xlab="year", ylab="number of cars", main="number of cars
made in each year")
> text(a$breaks, a$counts,labels=a$counts,pos=3)
```

The resulting plot is show as following:

## number of cars made in each year



From this plot, it can be seen that the used cars that were made in 2008 and 2009 are most welcomed by people, since among the sold used cars, the numbers of cars made in 2008 and 2009 are much more than that of cars made in other years, 42 and 49 separately. the cars made in 2001, 2002, 2011 are much less favorite by people, because the number of used cars made those years is only one.