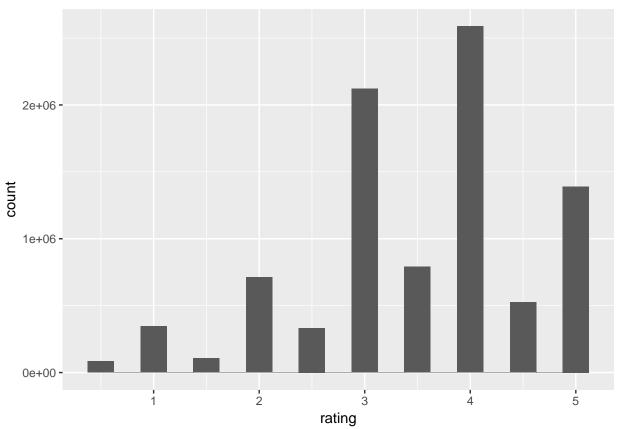
Report

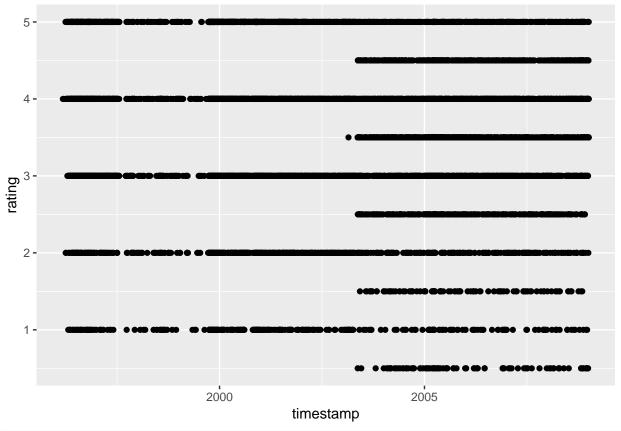
Egar Garcia 1/22/2019

Overview

```
edx %>%
  ggplot() +
  geom_histogram(aes(x = rating), binwidth = 0.25)
```

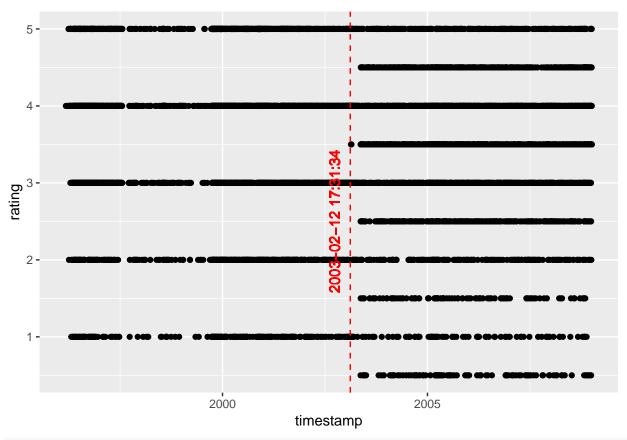


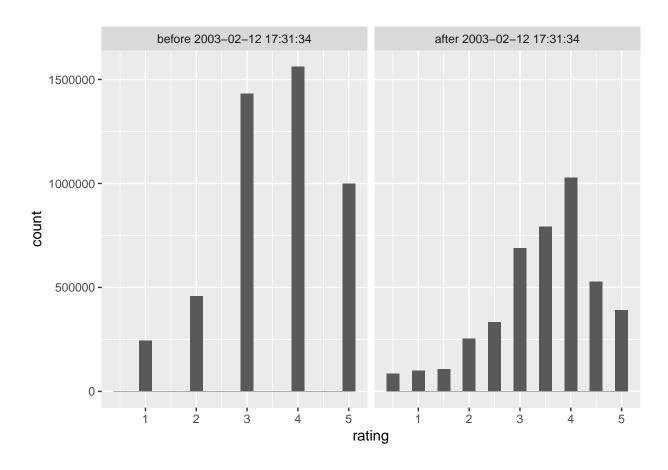
```
edx[createDataPartition(y = edx$rating, times = 1, p = 0.001, list = FALSE),] %>%
    ggplot(aes(x = as_datetime(timestamp), y = rating)) +
    geom_point() +
    labs(x = 'timestamp', y = 'rating')
```



```
partition_timestamp <- min(filter(edx, (rating * 2) %% 2 == 1)$timestamp)</pre>
```

2003-02-12 17:31:34





Methods

Pseudo Linear Model

See https://rafalab.github.io/dsbook/recommendation-systems.html

R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

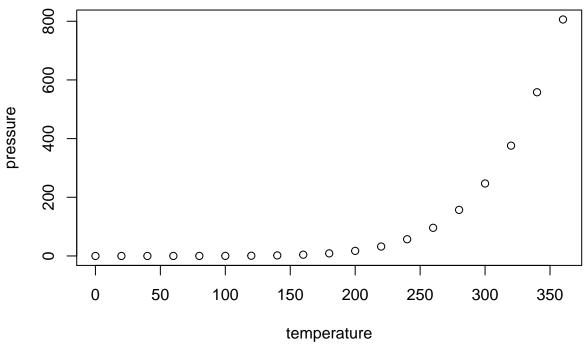
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

summary(cars)

```
##
        speed
                         dist
           : 4.0
##
                            :
                               2.00
    Min.
                    Min.
                    1st Qu.: 26.00
##
    1st Qu.:12.0
                    Median : 36.00
##
    Median:15.0
##
           :15.4
                            : 42.98
    Mean
                    Mean
##
    3rd Qu.:19.0
                    3rd Qu.: 56.00
            :25.0
                            :120.00
##
    Max.
                    Max.
```

Including Plots

You can also embed plots, for example:



Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.