

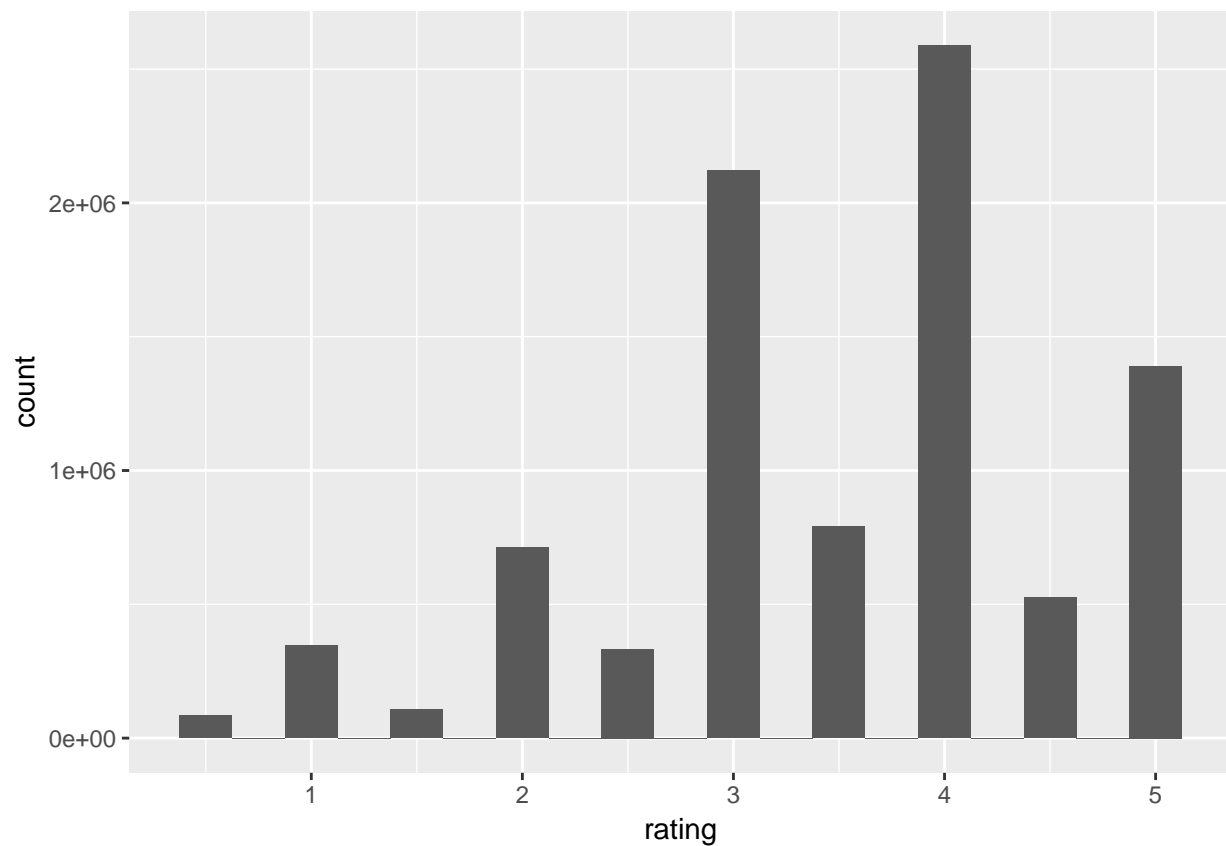
Report

Egar Garcia

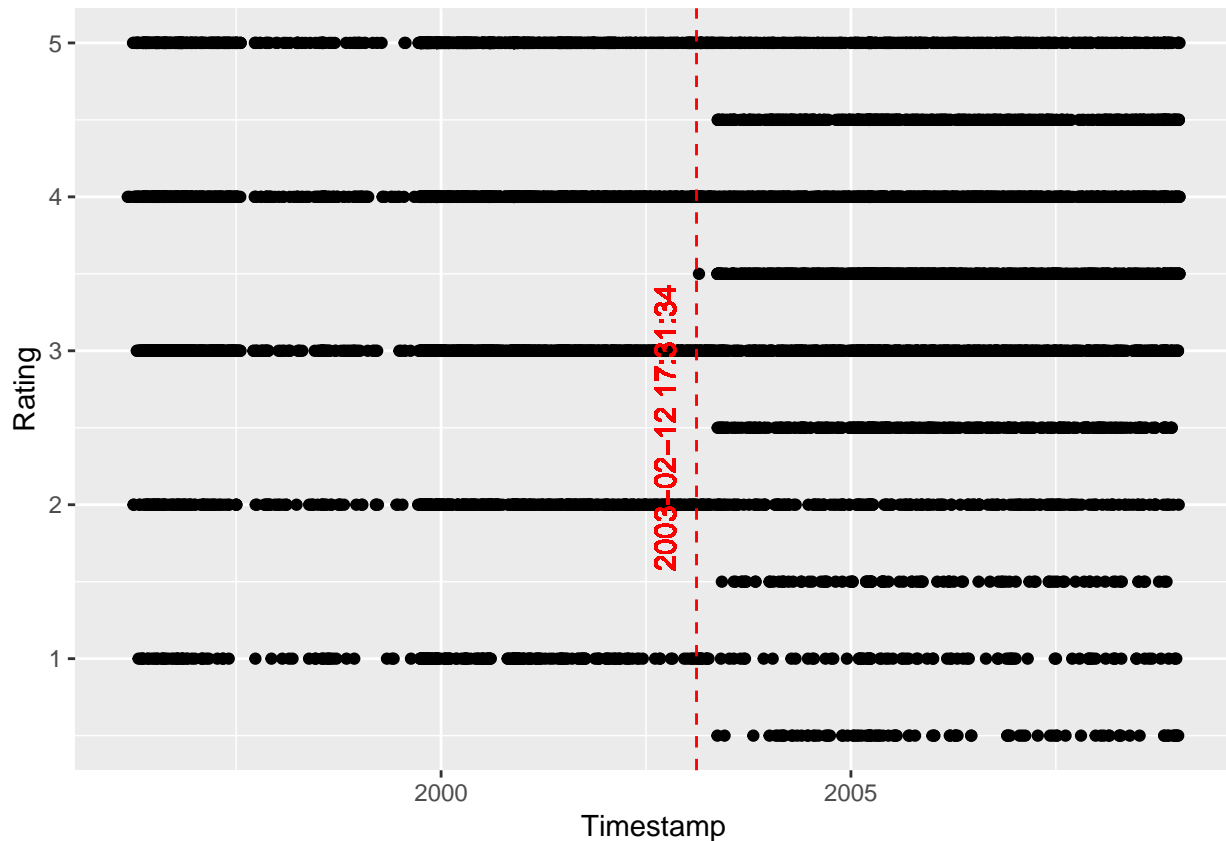
1/22/2019

Overview

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



```
set.seed(0)  
edx[createDataPartition(y = edx$rating, times = 1, p = 0.001, list = FALSE),] %>%  
  ggplot(aes(x = as_datetime(timestamp), y = rating)) +  
  geom_point() +  
  geom_vline(aes(xintercept = as_datetime(half_stars_beginning)),  
    color = "red", linetype = "dashed") +  
  geom_text(aes(x = as_datetime(half_stars_beginning),  
    label = as_datetime(half_stars_beginning),  
    y = 2.5),  
    color = "red", vjust = -1, angle = 90) +  
  labs(x = 'Timestamp', y = 'Rating')
```



Methods

Pseudo Linear Model

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

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.