

Reproducible Research: Peer Assessment 1

Loading and preprocessing the data

```
activityData <- read.csv("data/activity.csv")

## What is mean total number of steps taken per day?

byDate <- split(activityData, as.Date(activityData$date))

totalPerDay <- lapply( names(byDate), function(x) sum( byDate[[x]]$steps, na.rm=TRUE ) )

hist( unlist(totalPerDay) )

## What is the average daily activity pattern?

## Imputing missing values

## Are there differences in activity patterns between weekdays and weekends?
```

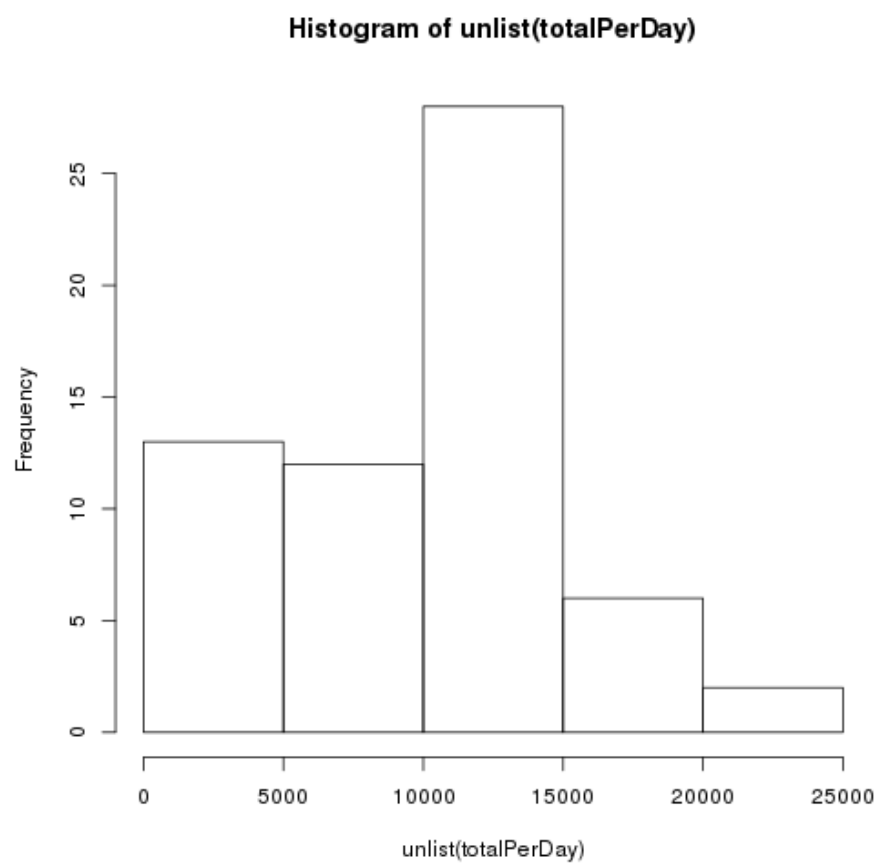


Figure 1: plot of chunk unnamed-chunk-1