Reproducible Research: Peer Assessment 1

## Loading and preprocessing the data

setwd("/media/sf\_Dropbox/Technology/R/coursera/5 Reproducible Research/assignment1/RepData\_PeerAssessment1") activity.0 <- read.csv(unz("activity.zip", "activity.csv"))

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

Using the data table package to consider the total number of steps taken each day, and average them

require(data.table)  
activity.bydate <- data.table(na.omit(activity.0))[,list(avg=sum(steps)),by=date]  
mean(activity.bydate$avg)

## What is the average daily activity pattern?

## Imputing missing values

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