Human Activity Recognition

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```
## Loading required package: lattice
```

```
## Loading required package: ggplot2
```

```r
train.url <- 'http://d396qusza40orc.cloudfront.net/predmachlearn/pml-training.csv'
test.url <- 'http://d396qusza40orc.cloudfront.net/predmachlearn/pml-testing.csv'

train.data <- read.csv(url(train.url), na.strings = c('NA', '#DIV/0!', ''))
test.data <- read.csv(url(test.url), na.strings = c('NA', '#DIV/0!', ''))
```

```r
data.toTrain <- createDataPartition(train.data$classe, p = 0.6, list = FALSE)
data.training <- train.data[data.toTrain, ]
data.test <- train.data[-data.toTrain, ]
```

```r
data.training.nearZero <- nearZeroVar(data.training, saveMetrics = TRUE)
data.test.nearZero <- nearZeroVar(data.test, saveMetrics = TRUE)
```