CodeBook

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9/2/2018

This file intends to be a guideline about the steps taken in order to succesfully arrive to a tidy data set. Also this file contains information about the variables in use.

The main two variables are:

SubjId: Varibale that identifies subject from 1 to 30.

Activity: Varibale that describes the activity that each one of each of the subjects studied performed.

Each activity is given by a number as follows: 1 - WALKING, 2 - WALKING_UPSTAIRS, 3 - WALKING_DOWNTAIRS, 4 - SITTING, 5 - STANDING, 6 - LAYING

Measurements for X, Y and Z Reference Points

```
##  [1] "tBodyAccmeanX"            "tBodyAccmeanY"
##  [3] "tBodyAccmeanZ"            "tBodyAccstdX"
##  [5] "tBodyAccstdY"             "tBodyAccstdZ"
##  [7] "tGravityAccmeanX"         "tGravityAccmeanY"
##  [9] "tGravityAccmeanZ"         "tGravityAccstdX"
## [11] "tGravityAccstdY"          "tGravityAccstdZ"
## [13] "tBodyAccJerkmeanX"        "tBodyAccJerkmeanY"
## [15] "tBodyAccJerkmeanZ"        "tBodyAccJerkstdX"
## [17] "tBodyAccJerkstdY"         "tBodyAccJerkstdZ"
## [19] "tBodyGyromeanX"           "tBodyGyromeanY"
## [21] "tBodyGyromeanZ"           "tBodyGyrostdX"
## [23] "tBodyGyrostdY"            "tBodyGyrostdZ"
## [25] "tBodyGyroJerkmeanX"       "tBodyGyroJerkmeanY"
## [27] "tBodyGyroJerkmeanZ"       "tBodyGyroJerkstdX"
## [29] "tBodyGyroJerkstdY"        "tBodyGyroJerkstdZ"
## [31] "tBodyAccMagmean"          "tBodyAccMagstd"
## [33] "tGravityAccMagmean"       "tGravityAccMagstd"
## [35] "tBodyAccJerkMagmean"      "tBodyAccJerkMagstd"
## [37] "tBodyGyroMagmean"         "tBodyGyroMagstd"
## [39] "tBodyGyroJerkMagmean"     "tBodyGyroJerkMagstd"
## [41] "fBodyAccmeanX"            "fBodyAccmeanY"
## [43] "fBodyAccmeanZ"            "fBodyAccstdX"
## [45] "fBodyAccstdY"             "fBodyAccstdZ"
## [47] "fBodyAccmeanFreqX"        "fBodyAccmeanFreqY"
## [49] "fBodyAccmeanFreqZ"        "fBodyAccJerkmeanX"
## [51] "fBodyAccJerkmeanY"        "fBodyAccJerkmeanZ"
## [53] "fBodyAccJerkstdX"         "fBodyAccJerkstdY"
## [55] "fBodyAccJerkstdZ"         "fBodyAccJerkmeanFreqX"
## [57] "fBodyAccJerkmeanFreqY"    "fBodyAccJerkmeanFreqZ"
## [59] "fBodyGyromeanX"           "fBodyGyromeanY"
## [61] "fBodyGyromeanZ"           "fBodyGyrostdX"
## [63] "fBodyGyrostdY"            "fBodyGyrostdZ"
## [65] "fBodyGyromeanFreqX"       "fBodyGyromeanFreqY"
## [67] "fBodyGyromeanFreqZ"       "fBodyAccMagmean"
## [69] "fBodyAccMagstd"           "fBodyAccMagmeanFreq"
## [71] "fBodyBodyAccJerkMagmean"  "fBodyBodyAccJerkMagstd"
```

```
## [73] "fBodyBodyAccJerkMagmeanFreq"  "fBodyBodyGyroMagmean"
## [75] "fBodyBodyGyroMagstd"           "fBodyBodyGyroMagmeanFreq"
## [77] "fBodyBodyGyroJerkMagmean"      "fBodyBodyGyroJerkMagstd"
## [79] "fBodyBodyGyroJerkMagmeanFreq"
```