CODE BOOK "Finaldata" df taken from UCI HAR data

[1] "subject" Subjects are numbered 1 - 30

[2] "activity" Six possible activities: Walking, walking upstairs, walking downstairs,

Sitting, standing, laying

The following are all measurements of the subjects' movements taken from the embedded accelerometer and gyroscopes of Samsung Galaxy SII's that were worn by the subjects .

Further detail is available in the original README File in the UCI HAR data.

[3] "Time_Body_Accelerometer-mean()-X"

[4] "Time_Body_Accelerometer-mean()-Y"

[5] "Time_Body_Accelerometer-mean()-Z"

[6] "Time_Body_Accelerometer-std()-X"

[7] "Time_Body_Accelerometer-std()-Y"

[8] "Time_Body_Accelerometer-std()-Z"

[9] "Time_Gravity_Accelerometer-mean()-X"

[10] "Time_Gravity_Accelerometer-mean()-Y"

[11] "Time_Gravity_Accelerometer-mean()-Z"

[12] "Time_Gravity_Accelerometer-std()-X"

[13] "Time_Gravity_Accelerometer-std()-Y"

[14] "Time_Gravity_Accelerometer-std()-Z"

[15] "Time_Body_Accelerometer_Jerk-mean()-X"

[16] "Time_Body_Accelerometer_Jerk-mean()-Y"

[17] "Time_Body_Accelerometer_Jerk-mean()-Z"

[18] "Time_Body_Accelerometer_Jerk-std()-X"

[19] "Time_Body_Accelerometer_Jerk-std()-Y"

[20] "Time_Body_Accelerometer_Jerk-std()-Z"

[21] "Time_Body_Gyroscope-mean()-X"

[22] "Time_Body_Gyroscope-mean()-Y"

[23] "Time_Body_Gyroscope-mean()-Z"

[24] "Time_Body_Gyroscope-std()-X"

[25] "Time_Body_Gyroscope-std()-Y"

[26] "Time_Body_Gyroscope-std()-Z"

[27] "Time_Body_Gyroscope_Jerk-mean()-X"

[28] "Time_Body_Gyroscope_Jerk-mean()-Y"

[29] "Time_Body_Gyroscope_Jerk-mean()-Z"

[30] "Time_Body_Gyroscope_Jerk-std()-X"

[31] "Time_Body_Gyroscope_Jerk-std()-Y"

[32] "Time_Body_Gyroscope_Jerk-std()-Z"

[33] "Time_Body_Accelerometer_Magnitude-mean()"

[34] "Time_Body_Accelerometer_Magnitude-std()"

[35] "Time_Gravity_Accelerometer_Magnitude-mean()"

[36] "Time_Gravity_Accelerometer_Magnitude-std()"

[37] "Time_Body_Accelerometer_Jerk_Magnitude-mean()"

[38] "Time_Body_Accelerometer_Jerk_Magnitude-std()"

[39] "Time_Body_Gyroscope_Magnitude-mean()"

[40] "Time_Body_Gyroscope_Magnitude-std()"

[41] "Time_Body_Gyroscope_Jerk_Magnitude-mean()"

[42] "Time_Body_Gyroscope_Jerk_Magnitude-std()"

[43] "Frequency_Body_Accelerometer-mean()-X"

[44] "Frequency_Body_Accelerometer-mean()-Y"

[45] "Frequency_Body_Accelerometer-mean()-Z"

[46] "Frequency_Body_Accelerometer-std()-X"

[47] "Frequency_Body_Accelerometer-std()-Y"

[48] "Frequency_Body_Accelerometer-std()-Z"

[49] "Frequency_Body_Accelerometer-meanFreq()-X"

[50] "Frequency_Body_Accelerometer-meanFreq()-Y"

[51] "Frequency_Body_Accelerometer-meanFreq()-Z"

[52] "Frequency_Body_Accelerometer_Jerk-mean()-X"

[53] "Frequency_Body_Accelerometer_Jerk-mean()-Y"

[54] "Frequency_Body_Accelerometer_Jerk-mean()-Z"

[55] "Frequency_Body_Accelerometer_Jerk-std()-X"

[56] "Frequency_Body_Accelerometer_Jerk-std()-Y"

[57] "Frequency_Body_Accelerometer_Jerk-std()-Z"

[58] "Frequency_Body_Accelerometer_Jerk-meanFreq()-X"

[59] "Frequency_Body_Accelerometer_Jerk-meanFreq()-Y"

[60] "Frequency_Body_Accelerometer_Jerk-meanFreq()-Z"

[61] "Frequency_Body_Gyroscope-mean()-X"

[62] "Frequency_Body_Gyroscope-mean()-Y"

[63] "Frequency_Body_Gyroscope-mean()-Z"

[64] "Frequency_Body_Gyroscope-std()-X"

[65] "Frequency_Body_Gyroscope-std()-Y"

[66] "Frequency_Body_Gyroscope-std()-Z"

[67] "Frequency_Body_Gyroscope-meanFreq()-X"

[68] "Frequency_Body_Gyroscope-meanFreq()-Y"

[69] "Frequency_Body_Gyroscope-meanFreq()-Z"

[70] "Frequency_Body_Accelerometer_Magnitude-mean()"

[71] "Frequency_Body_Accelerometer_Magnitude-std()"

[72] "Frequency_Body_Accelerometer_Magnitude-meanFreq()"

[73] "Frequency_BodyBody_Accelerometer_Jerk_Magnitude-mean()"

[74] "Frequency_BodyBody_Accelerometer_Jerk_Magnitude-std()"

[75] "Frequency_BodyBody_Accelerometer_Jerk_Magnitude-meanFreq()"

[76] "Frequency_BodyBody_Gyroscope_Magnitude-mean()"

[77] "Frequency_BodyBody_Gyroscope_Magnitude-std()"

[78] "Frequency_BodyBody_Gyroscope_Magnitude-meanFreq()"

[79] "Frequency_BodyBody_Gyroscope_Jerk_Magnitude-mean()"

[80] "Frequency_BodyBody_Gyroscope_Jerk_Magnitude-std()"

[81] "Frequency_BodyBody_Gyroscope_Jerk_Magnitude-meanFreq()"