Codebook: Tidy data from HAR dataset

Variable Name	Description	Range	Source
1 "subject"	a numeric code for each of 30 participants in the original experiment	an index ranging 1-30	taken as-is from HAR dataset: subject_train,txt, subject_test.txt
2 "activity_name"	a character description of measured activity	LAYING, SITTING, STANDING, WALKING, WALKING_DOWNSTAIRS, WALKINGUPSTAIRS	HAR dataset: activity codes from y_train, y_test were replaced with matching names from activity_labels
3 "tBodyAcc-mean()-X"	the average of the variable by the same name from HAR dataset, grouped by activity and subject	a numeric value	a mean value was calculated for a variable by the same name from the HAR dataset. It was grouped by activity and subject, resulting with an average value for each activity for each of the subjects in the original experiment
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