Codebook

subject_id

Numbers 1 to 30 attributed to the subjects of the experience.

activity_name

Name of the activities performed by the subjects during the experience.

The others column names are modified from the originals provided in the features.txt. (See: Reference) Parenthesis were removed and hyphens changed for underscores. The new names were written only with lower cases. Also, of all the types of measurements done, only the mean and standard deviation were kept. Those choices were made to standardize the names but still keeping them close enough from the originals. For further explanations, read the features_info.txt. (See: Reference)

tbodyacc_mean_x
tbodyacc_mean_y
tbodyacc_mean_z
tbodyacc_std_x
tbodyacc_std_y
tbodyacc_std_z
tgravityacc_mean_x
tgravityacc_mean_y
tgravityacc_mean_z
tgravityacc_std_x
tgravityacc_std_y
tgravityacc_std_z
tbodyaccjerk_mean_x
tbodyaccjerk_mean_y
tbodyaccjerk_mean_z
tbodyaccjerk_std_x
tbodyaccjerk_std_y
tbodyaccjerk_std_z
tbodygyro_mean_x
tbodygyro_mean_y
tbodygyro_mean_z
tbodygyro_std_x
tbodygyro_std_y
tbodygyro_std_z
tbodygyrojerk_mean_x
tbodygyrojerk_mean_y
tbodygyrojerk_mean_z
tbodygyrojerk_std_x
tbodygyrojerk_std_y
tbodygyrojerk_std_z
tbodyaccmag_mean

tbodyaccmag_std
tgravityaccmag_mean
tgravityaccmag_std
tbodyaccjerkmag_mean
tbodyaccjerkmag_std
tbodygyromag_mean
tbodygyromag_std
tbodygyrojerkmag_mean
tbodygyrojerkmag_std
fbodyacc_mean_x
fbodyacc_mean_y
fbodyacc_mean_z
fbodyacc_std_x
fbodyacc_std_y
fbodyacc_std_z
fbodyaccjerk_mean_x
fbodyaccjerk_mean_y
fbodyaccjerk_mean_z
fbodyaccjerk_std_x
fbodyaccjerk_std_y
fbodyaccjerk_std_z
fbodygyro_mean_x
fbodygyro_mean_y
fbodygyro_mean_z
fbodygyro_std_x
fbodygyro_std_y
fbodygyro_std_z
fbodyaccmag_mean
fbodyaccmag_std
fbodybodyaccjerkmag_mean
fbodybodyaccjerkmag_std
fbodybodygyromag_mean
fbodybodygyromag_std
fbodybodygyrojerkmag_mean
fbodybodygyrojerkmag_std

#Reference : https://archive.ics.uci.edu/ml/datasets/Human+Activity+Recognition+Using+Smartphones