Codebook for trainTestMerge.mean

Autogenerated data summary from dataMaid

2018-08-07 23:54:03

# Data report overview

The dataset examined has the following dimensions:

|  |  |
| --- | --- |
| Feature | Result |
| Number of observations | 180 |
| Number of variables | 81 |

# Codebook summary table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Label | Variable | Class | # unique values | Missing | Description |
|  | [**subject**](#subject) | factor | 30 | 0.00 % |  |
|  | [**activity**](#activity) | factor | 6 | 0.00 % |  |
|  | [**tBodyAccmeanX**](#tbodyaccmeanx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccmeanY**](#tbodyaccmeany) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccmeanZ**](#tbodyaccmeanz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccstdX**](#tbodyaccstdx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccstdY**](#tbodyaccstdy) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccstdZ**](#tbodyaccstdz) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAccmeanX**](#tgravityaccmeanx) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAccmeanY**](#tgravityaccmeany) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAccmeanZ**](#tgravityaccmeanz) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAccstdX**](#tgravityaccstdx) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAccstdY**](#tgravityaccstdy) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAccstdZ**](#tgravityaccstdz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerkmeanX**](#tbodyaccjerkmeanx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerkmeanY**](#tbodyaccjerkmeany) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerkmeanZ**](#tbodyaccjerkmeanz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerkstdX**](#tbodyaccjerkstdx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerkstdY**](#tbodyaccjerkstdy) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerkstdZ**](#tbodyaccjerkstdz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyromeanX**](#tbodygyromeanx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyromeanY**](#tbodygyromeany) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyromeanZ**](#tbodygyromeanz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyrostdX**](#tbodygyrostdx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyrostdY**](#tbodygyrostdy) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyrostdZ**](#tbodygyrostdz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerkmeanX**](#tbodygyrojerkmeanx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerkmeanY**](#tbodygyrojerkmeany) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerkmeanZ**](#tbodygyrojerkmeanz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerkstdX**](#tbodygyrojerkstdx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerkstdY**](#tbodygyrojerkstdy) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerkstdZ**](#tbodygyrojerkstdz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccMagmean**](#tbodyaccmagmean) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccMagstd**](#tbodyaccmagstd) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAccMagmean**](#tgravityaccmagmean) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAccMagstd**](#tgravityaccmagstd) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerkMagmean**](#tbodyaccjerkmagmean) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerkMagstd**](#tbodyaccjerkmagstd) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroMagmean**](#tbodygyromagmean) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroMagstd**](#tbodygyromagstd) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerkMagmean**](#tbodygyrojerkmagmean) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerkMagstd**](#tbodygyrojerkmagstd) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccmeanX**](#fbodyaccmeanx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccmeanY**](#fbodyaccmeany) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccmeanZ**](#fbodyaccmeanz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccstdX**](#fbodyaccstdx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccstdY**](#fbodyaccstdy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccstdZ**](#fbodyaccstdz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccmeanFreqX**](#fbodyaccmeanfreqx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccmeanFreqY**](#fbodyaccmeanfreqy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccmeanFreqZ**](#fbodyaccmeanfreqz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerkmeanX**](#fbodyaccjerkmeanx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerkmeanY**](#fbodyaccjerkmeany) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerkmeanZ**](#fbodyaccjerkmeanz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerkstdX**](#fbodyaccjerkstdx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerkstdY**](#fbodyaccjerkstdy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerkstdZ**](#fbodyaccjerkstdz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerkmeanFreqX**](#fbodyaccjerkmeanfreqx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerkmeanFreqY**](#fbodyaccjerkmeanfreqy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerkmeanFreqZ**](#fbodyaccjerkmeanfreqz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyromeanX**](#fbodygyromeanx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyromeanY**](#fbodygyromeany) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyromeanZ**](#fbodygyromeanz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyrostdX**](#fbodygyrostdx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyrostdY**](#fbodygyrostdy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyrostdZ**](#fbodygyrostdz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyromeanFreqX**](#fbodygyromeanfreqx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyromeanFreqY**](#fbodygyromeanfreqy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyromeanFreqZ**](#fbodygyromeanfreqz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccMagmean**](#fbodyaccmagmean) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccMagstd**](#fbodyaccmagstd) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccMagmeanFreq**](#fbodyaccmagmeanfreq) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyAccJerkMagmean**](#fbodybodyaccjerkmagmean) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyAccJerkMagstd**](#fbodybodyaccjerkmagstd) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyAccJerkMagmeanFreq**](#fbodybodyaccjerkmagmeanfreq) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroMagmean**](#fbodybodygyromagmean) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroMagstd**](#fbodybodygyromagstd) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroMagmeanFreq**](#fbodybodygyromagmeanfreq) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroJerkMagmean**](#fbodybodygyrojerkmagmean) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroJerkMagstd**](#fbodybodygyrojerkmagstd) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroJerkMagmeanFreq**](#fbodybodygyrojerkmagmeanfreq) | numeric | 180 | 0.00 % |  |

# Variable list

## subject

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 30 |
| Mode | "1" |

## activity

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |
| Mode | "WALKING" |

## tBodyAccmeanX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.28 |
| 1st and 3rd quartiles | 0.27; 0.28 |
| Min. and max. | 0.22; 0.3 |

## tBodyAccmeanY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.02 |
| 1st and 3rd quartiles | -0.02; -0.01 |
| Min. and max. | -0.04; 0 |

## tBodyAccmeanZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.11 |
| 1st and 3rd quartiles | -0.11; -0.1 |
| Min. and max. | -0.15; -0.08 |

## tBodyAccstdX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.75 |
| 1st and 3rd quartiles | -0.98; -0.2 |
| Min. and max. | -1; 0.63 |

## tBodyAccstdY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.51 |
| 1st and 3rd quartiles | -0.94; -0.03 |
| Min. and max. | -0.99; 0.62 |

## tBodyAccstdZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.65 |
| 1st and 3rd quartiles | -0.95; -0.23 |
| Min. and max. | -0.99; 0.61 |

## tGravityAccmeanX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.92 |
| 1st and 3rd quartiles | 0.84; 0.94 |
| Min. and max. | -0.68; 0.97 |

## tGravityAccmeanY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.13 |
| 1st and 3rd quartiles | -0.23; 0.09 |
| Min. and max. | -0.48; 0.96 |

## tGravityAccmeanZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.02 |
| 1st and 3rd quartiles | -0.12; 0.15 |
| Min. and max. | -0.5; 0.96 |

## tGravityAccstdX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.97 |
| 1st and 3rd quartiles | -0.98; -0.95 |
| Min. and max. | -1; -0.83 |

## tGravityAccstdY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.96 |
| 1st and 3rd quartiles | -0.97; -0.94 |
| Min. and max. | -0.99; -0.64 |

## tGravityAccstdZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.96; -0.92 |
| Min. and max. | -0.99; -0.61 |

## tBodyAccJerkmeanX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.08 |
| 1st and 3rd quartiles | 0.07; 0.08 |
| Min. and max. | 0.04; 0.13 |

## tBodyAccJerkmeanY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.01 |
| 1st and 3rd quartiles | 0; 0.01 |
| Min. and max. | -0.04; 0.06 |

## tBodyAccJerkmeanZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0 |
| 1st and 3rd quartiles | -0.01; 0 |
| Min. and max. | -0.07; 0.04 |

## tBodyAccJerkstdX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.22 |
| Min. and max. | -0.99; 0.54 |

## tBodyAccJerkstdY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.78 |
| 1st and 3rd quartiles | -0.97; -0.15 |
| Min. and max. | -0.99; 0.36 |

## tBodyAccJerkstdZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.51 |
| Min. and max. | -0.99; 0.03 |

## tBodyGyromeanX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.03 |
| 1st and 3rd quartiles | -0.05; -0.02 |
| Min. and max. | -0.21; 0.19 |

## tBodyGyromeanY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.07 |
| 1st and 3rd quartiles | -0.09; -0.06 |
| Min. and max. | -0.2; 0.03 |

## tBodyGyromeanZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.09 |
| 1st and 3rd quartiles | 0.07; 0.1 |
| Min. and max. | -0.07; 0.18 |

## tBodyGyrostdX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.97; -0.44 |
| Min. and max. | -0.99; 0.27 |

## tBodyGyrostdY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.96; -0.42 |
| Min. and max. | -0.99; 0.48 |

## tBodyGyrostdZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.96; -0.31 |
| Min. and max. | -0.99; 0.56 |

## tBodyGyroJerkmeanX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.1 |
| 1st and 3rd quartiles | -0.1; -0.09 |
| Min. and max. | -0.16; -0.02 |

## tBodyGyroJerkmeanY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.04 |
| 1st and 3rd quartiles | -0.05; -0.04 |
| Min. and max. | -0.08; -0.01 |

## tBodyGyroJerkmeanZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.05 |
| 1st and 3rd quartiles | -0.06; -0.05 |
| Min. and max. | -0.09; -0.01 |

## tBodyGyroJerkstdX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.84 |
| 1st and 3rd quartiles | -0.98; -0.46 |
| Min. and max. | -1; 0.18 |

## tBodyGyroJerkstdY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.89 |
| 1st and 3rd quartiles | -0.98; -0.59 |
| Min. and max. | -1; 0.3 |

## tBodyGyroJerkstdZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.86 |
| 1st and 3rd quartiles | -0.98; -0.47 |
| Min. and max. | -1; 0.19 |

## tBodyAccMagmean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.48 |
| 1st and 3rd quartiles | -0.96; -0.09 |
| Min. and max. | -0.99; 0.64 |

## tBodyAccMagstd

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.61 |
| 1st and 3rd quartiles | -0.94; -0.21 |
| Min. and max. | -0.99; 0.43 |

## tGravityAccMagmean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.48 |
| 1st and 3rd quartiles | -0.96; -0.09 |
| Min. and max. | -0.99; 0.64 |

## tGravityAccMagstd

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.61 |
| 1st and 3rd quartiles | -0.94; -0.21 |
| Min. and max. | -0.99; 0.43 |

## tBodyAccJerkMagmean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.82 |
| 1st and 3rd quartiles | -0.98; -0.25 |
| Min. and max. | -0.99; 0.43 |

## tBodyAccJerkMagstd

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.98; -0.22 |
| Min. and max. | -0.99; 0.45 |

## tBodyGyroMagmean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.66 |
| 1st and 3rd quartiles | -0.95; -0.22 |
| Min. and max. | -0.98; 0.42 |

## tBodyGyroMagstd

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.74 |
| 1st and 3rd quartiles | -0.95; -0.36 |
| Min. and max. | -0.98; 0.3 |

## tBodyGyroJerkMagmean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.86 |
| 1st and 3rd quartiles | -0.99; -0.51 |
| Min. and max. | -1; 0.09 |

## tBodyGyroJerkMagstd

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.58 |
| Min. and max. | -1; 0.25 |

## fBodyAccmeanX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.98; -0.22 |
| Min. and max. | -1; 0.54 |

## fBodyAccmeanY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.59 |
| 1st and 3rd quartiles | -0.95; -0.06 |
| Min. and max. | -0.99; 0.52 |

## fBodyAccmeanZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.72 |
| 1st and 3rd quartiles | -0.96; -0.32 |
| Min. and max. | -0.99; 0.28 |

## fBodyAccstdX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.75 |
| 1st and 3rd quartiles | -0.98; -0.2 |
| Min. and max. | -1; 0.66 |

## fBodyAccstdY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.51 |
| 1st and 3rd quartiles | -0.94; -0.08 |
| Min. and max. | -0.99; 0.56 |

## fBodyAccstdZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.64 |
| 1st and 3rd quartiles | -0.95; -0.27 |
| Min. and max. | -0.99; 0.69 |

## fBodyAccmeanFreqX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.26 |
| 1st and 3rd quartiles | -0.39; -0.06 |
| Min. and max. | -0.64; 0.16 |

## fBodyAccmeanFreqY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.01 |
| 1st and 3rd quartiles | -0.08; 0.09 |
| Min. and max. | -0.38; 0.47 |

## fBodyAccmeanFreqZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.07 |
| 1st and 3rd quartiles | -0.04; 0.18 |
| Min. and max. | -0.52; 0.4 |

## fBodyAccJerkmeanX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.28 |
| Min. and max. | -0.99; 0.47 |

## fBodyAccJerkmeanY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.78 |
| 1st and 3rd quartiles | -0.97; -0.2 |
| Min. and max. | -0.99; 0.28 |

## fBodyAccJerkmeanZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.87 |
| 1st and 3rd quartiles | -0.98; -0.47 |
| Min. and max. | -0.99; 0.16 |

## fBodyAccJerkstdX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.83 |
| 1st and 3rd quartiles | -0.98; -0.25 |
| Min. and max. | -1; 0.48 |

## fBodyAccJerkstdY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.97; -0.17 |
| Min. and max. | -0.99; 0.35 |

## fBodyAccJerkstdZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.9 |
| 1st and 3rd quartiles | -0.98; -0.54 |
| Min. and max. | -0.99; -0.01 |

## fBodyAccJerkmeanFreqX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.06 |
| 1st and 3rd quartiles | -0.29; 0.18 |
| Min. and max. | -0.58; 0.33 |

## fBodyAccJerkmeanFreqY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.23 |
| 1st and 3rd quartiles | -0.4; -0.05 |
| Min. and max. | -0.6; 0.2 |

## fBodyAccJerkmeanFreqZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.09 |
| 1st and 3rd quartiles | -0.31; 0.04 |
| Min. and max. | -0.63; 0.23 |

## fBodyGyromeanX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.73 |
| 1st and 3rd quartiles | -0.97; -0.34 |
| Min. and max. | -0.99; 0.47 |

## fBodyGyromeanY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.97; -0.45 |
| Min. and max. | -0.99; 0.33 |

## fBodyGyromeanZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.96; -0.26 |
| Min. and max. | -0.99; 0.49 |

## fBodyGyrostdX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.48 |
| Min. and max. | -0.99; 0.2 |

## fBodyGyrostdY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.96; -0.42 |
| Min. and max. | -0.99; 0.65 |

## fBodyGyrostdZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.82 |
| 1st and 3rd quartiles | -0.96; -0.39 |
| Min. and max. | -0.99; 0.52 |

## fBodyGyromeanFreqX

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.12 |
| 1st and 3rd quartiles | -0.21; 0 |
| Min. and max. | -0.4; 0.25 |

## fBodyGyromeanFreqY

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.16 |
| 1st and 3rd quartiles | -0.29; -0.04 |
| Min. and max. | -0.67; 0.27 |

## fBodyGyromeanFreqZ

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.05 |
| 1st and 3rd quartiles | -0.15; 0.04 |
| Min. and max. | -0.51; 0.38 |

## fBodyAccMagmean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.67 |
| 1st and 3rd quartiles | -0.96; -0.16 |
| Min. and max. | -0.99; 0.59 |

## fBodyAccMagstd

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.65 |
| 1st and 3rd quartiles | -0.95; -0.37 |
| Min. and max. | -0.99; 0.18 |

## fBodyAccMagmeanFreq

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.08 |
| 1st and 3rd quartiles | -0.01; 0.17 |
| Min. and max. | -0.31; 0.44 |

## fBodyBodyAccJerkMagmean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.98; -0.19 |
| Min. and max. | -0.99; 0.54 |

## fBodyBodyAccJerkMagstd

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.27 |
| Min. and max. | -0.99; 0.32 |

## fBodyBodyAccJerkMagmeanFreq

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.17 |
| 1st and 3rd quartiles | 0.05; 0.28 |
| Min. and max. | -0.13; 0.49 |

## fBodyBodyGyroMagmean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.96; -0.41 |
| Min. and max. | -0.99; 0.2 |

## fBodyBodyGyroMagstd

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.95; -0.43 |
| Min. and max. | -0.98; 0.24 |

## fBodyBodyGyroMagmeanFreq

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.05 |
| 1st and 3rd quartiles | -0.17; 0.08 |
| Min. and max. | -0.46; 0.41 |

## fBodyBodyGyroJerkMagmean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.58 |
| Min. and max. | -1; 0.15 |

## fBodyBodyGyroJerkMagstd

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.89 |
| 1st and 3rd quartiles | -0.98; -0.61 |
| Min. and max. | -1; 0.29 |

## fBodyBodyGyroJerkMagmeanFreq

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.11 |
| 1st and 3rd quartiles | 0.05; 0.21 |
| Min. and max. | -0.18; 0.43 |

Report generation information:

* Created by Mangala Iyer (username: Mangala).
* Report creation time: Tue Aug 07 2018 23:54:05
* Report Was run from directory: C:/Users/Mangala/Documents
* dataMaid v1.1.2 [Pkg: 2018-05-03 from CRAN (R 3.4.4)]
* R version 3.4.1 (2017-06-30).
* Platform: x86\_64-w64-mingw32/x64 (64-bit)(Windows >= 8 x64 (build 9200)).
* Function call: makeDataReport(data = trainTestMerge.mean, mode = "summarize", file = "codebook\_trainTestMerge.mean.Rmd", checks = list( list("showAllFactorLevels")), listChecks = FALSE, maxProbVals = FALSE, codebook = TRUE, reportTitle = "Codebook for trainTestMerge.mean")