Codebook for Data2

Autogenerated data summary from dataMaid

2018-06-17 21:39:43

# Data report overview

The dataset examined has the following dimensions:

|  |  |
| --- | --- |
| Feature | Result |
| Number of observations | 180 |
| Number of variables | 68 |

# Codebook summary table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Label | Variable | Class | # unique values | Missing | Description |
|  | [**subject**](#subject) | integer | 30 | 0.00 % |  |
|  | [**activity**](#activity) | integer | 6 | 0.00 % |  |
|  | [**timeBodyAccelerometer-mean()-X**](#timebodyaccelerometer-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometer-mean()-Y**](#timebodyaccelerometer-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometer-mean()-Z**](#timebodyaccelerometer-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometer-std()-X**](#timebodyaccelerometer-std-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometer-std()-Y**](#timebodyaccelerometer-std-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometer-std()-Z**](#timebodyaccelerometer-std-z) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-mean()-X**](#timegravityaccelerometer-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-mean()-Y**](#timegravityaccelerometer-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-mean()-Z**](#timegravityaccelerometer-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-std()-X**](#timegravityaccelerometer-std-x) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-std()-Y**](#timegravityaccelerometer-std-y) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-std()-Z**](#timegravityaccelerometer-std-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-mean()-X**](#timebodyaccelerometerjerk-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-mean()-Y**](#timebodyaccelerometerjerk-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-mean()-Z**](#timebodyaccelerometerjerk-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-std()-X**](#timebodyaccelerometerjerk-std-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-std()-Y**](#timebodyaccelerometerjerk-std-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-std()-Z**](#timebodyaccelerometerjerk-std-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-mean()-X**](#timebodygyroscope-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-mean()-Y**](#timebodygyroscope-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-mean()-Z**](#timebodygyroscope-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-std()-X**](#timebodygyroscope-std-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-std()-Y**](#timebodygyroscope-std-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-std()-Z**](#timebodygyroscope-std-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-mean()-X**](#timebodygyroscopejerk-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-mean()-Y**](#timebodygyroscopejerk-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-mean()-Z**](#timebodygyroscopejerk-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-std()-X**](#timebodygyroscopejerk-std-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-std()-Y**](#timebodygyroscopejerk-std-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-std()-Z**](#timebodygyroscopejerk-std-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerMagnitude-mean()**](#timebodyaccelerometermagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerMagnitude-std()**](#timebodyaccelerometermagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometerMagnitude-mean()**](#timegravityaccelerometermagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometerMagnitude-std()**](#timegravityaccelerometermagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerkMagnitude-mean()**](#timebodyaccelerometerjerkmagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerkMagnitude-std()**](#timebodyaccelerometerjerkmagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeMagnitude-mean()**](#timebodygyroscopemagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeMagnitude-std()**](#timebodygyroscopemagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerkMagnitude-mean()**](#timebodygyroscopejerkmagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerkMagnitude-std()**](#timebodygyroscopejerkmagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-mean()-X**](#frequencybodyaccelerometer-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-mean()-Y**](#frequencybodyaccelerometer-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-mean()-Z**](#frequencybodyaccelerometer-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-std()-X**](#frequencybodyaccelerometer-std-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-std()-Y**](#frequencybodyaccelerometer-std-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-std()-Z**](#frequencybodyaccelerometer-std-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-mean()-X**](#frequencybodyaccelerometerjerk-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-mean()-Y**](#frequencybodyaccelerometerjerk-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-mean()-Z**](#frequencybodyaccelerometerjerk-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-std()-X**](#frequencybodyaccelerometerjerk-std-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-std()-Y**](#frequencybodyaccelerometerjerk-std-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-std()-Z**](#frequencybodyaccelerometerjerk-std-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-mean()-X**](#frequencybodygyroscope-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-mean()-Y**](#frequencybodygyroscope-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-mean()-Z**](#frequencybodygyroscope-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-std()-X**](#frequencybodygyroscope-std-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-std()-Y**](#frequencybodygyroscope-std-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-std()-Z**](#frequencybodygyroscope-std-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerMagnitude-mean()**](#frequencybodyaccelerometermagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerMagnitude-std()**](#frequencybodyaccelerometermagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerkMagnitude-mean()**](#frequencybodyaccelerometerjerkmagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerkMagnitude-std()**](#frequencybodyaccelerometerjerkmagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscopeMagnitude-mean()**](#frequencybodygyroscopemagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscopeMagnitude-std()**](#frequencybodygyroscopemagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscopeJerkMagnitude-mean()**](#frequencybodygyroscopejerkmagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscopeJerkMagnitude-std()**](#frequencybodygyroscopejerkmagnitude-std) | numeric | 180 | 0.00 % |  |

# Variable list

## subject

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 30 |
| Median | 15.5 |
| 1st and 3rd quartiles | 8; 23 |
| Min. and max. | 1; 30 |

## activity

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |
| Median | 3.5 |
| 1st and 3rd quartiles | 2; 5 |
| Min. and max. | 1; 6 |

## timeBodyAccelerometer-mean()-X

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometer-mean()-Y

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometer-mean()-Z

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometer-std()-X

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometer-std()-Y

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometer-std()-Z

|  |  |
| --- | --- |
| 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 |

## timeGravityAccelerometer-mean()-X

|  |  |
| --- | --- |
| 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 |

## timeGravityAccelerometer-mean()-Y

|  |  |
| --- | --- |
| 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 |

## timeGravityAccelerometer-mean()-Z

|  |  |
| --- | --- |
| 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 |

## timeGravityAccelerometer-std()-X

|  |  |
| --- | --- |
| 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 |

## timeGravityAccelerometer-std()-Y

|  |  |
| --- | --- |
| 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 |

## timeGravityAccelerometer-std()-Z

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometerJerk-mean()-X

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometerJerk-mean()-Y

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometerJerk-mean()-Z

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometerJerk-std()-X

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometerJerk-std()-Y

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometerJerk-std()-Z

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscope-mean()-X

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscope-mean()-Y

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscope-mean()-Z

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscope-std()-X

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscope-std()-Y

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscope-std()-Z

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscopeJerk-mean()-X

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscopeJerk-mean()-Y

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscopeJerk-mean()-Z

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscopeJerk-std()-X

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscopeJerk-std()-Y

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscopeJerk-std()-Z

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometerMagnitude-mean()

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometerMagnitude-std()

|  |  |
| --- | --- |
| 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 |

## timeGravityAccelerometerMagnitude-mean()

|  |  |
| --- | --- |
| 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 |

## timeGravityAccelerometerMagnitude-std()

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometerJerkMagnitude-mean()

|  |  |
| --- | --- |
| 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 |

## timeBodyAccelerometerJerkMagnitude-std()

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscopeMagnitude-mean()

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscopeMagnitude-std()

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscopeJerkMagnitude-mean()

|  |  |
| --- | --- |
| 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 |

## timeBodyGyroscopeJerkMagnitude-std()

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometer-mean()-X

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometer-mean()-Y

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometer-mean()-Z

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometer-std()-X

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometer-std()-Y

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometer-std()-Z

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometerJerk-mean()-X

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometerJerk-mean()-Y

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometerJerk-mean()-Z

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometerJerk-std()-X

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometerJerk-std()-Y

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometerJerk-std()-Z

|  |  |
| --- | --- |
| 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 |

## frequencyBodyGyroscope-mean()-X

|  |  |
| --- | --- |
| 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 |

## frequencyBodyGyroscope-mean()-Y

|  |  |
| --- | --- |
| 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 |

## frequencyBodyGyroscope-mean()-Z

|  |  |
| --- | --- |
| 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 |

## frequencyBodyGyroscope-std()-X

|  |  |
| --- | --- |
| 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 |

## frequencyBodyGyroscope-std()-Y

|  |  |
| --- | --- |
| 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 |

## frequencyBodyGyroscope-std()-Z

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometerMagnitude-mean()

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometerMagnitude-std()

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometerJerkMagnitude-mean()

|  |  |
| --- | --- |
| 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 |

## frequencyBodyAccelerometerJerkMagnitude-std()

|  |  |
| --- | --- |
| 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 |

## frequencyBodyGyroscopeMagnitude-mean()

|  |  |
| --- | --- |
| 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 |

## frequencyBodyGyroscopeMagnitude-std()

|  |  |
| --- | --- |
| 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 |

## frequencyBodyGyroscopeJerkMagnitude-mean()

|  |  |
| --- | --- |
| 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 |

## frequencyBodyGyroscopeJerkMagnitude-std()

|  |  |
| --- | --- |
| 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 |

Report generation information:

* Created by Could not determine from system (username: Abhinay).
* Report creation time: Sun Jun 17 2018 21:39:45
* Report Was run from directory: F:/R practice/Coursera/Getting Cleaner data/project
* dataMaid v1.1.2 [Pkg: 2018-05-03 from CRAN (R 3.4.4)]
* R version 3.4.4 (2018-03-15).
* Platform: x86\_64-w64-mingw32/x64 (64-bit)(Windows >= 8 x64 (build 9200)).
* Function call: makeDataReport(data = Data2, mode = "summarize", file = "codebook.Rmd", vol = 1, checks = list(list("showAllFactorLevels")), listChecks = FALSE, maxProbVals = FALSE, codebook = TRUE, reportTitle = "Codebook for Data2")