Codebook for new_data

Autogenerated data summary from dataMaid

2022-06-29 10:33:38

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	6
Number of variables	54

Codebook summary table

Label	Variable	Class	# unique values	Missing	Description
	activity	character	6	0.00 %	
	angle_t_body_acc_jerk_mean_gravity_mean	numeric	6	0.00 %	
	angle_t_body_acc_mean_gravity	numeric	6	0.00 %	
	angle_t_body_gyro_jerk_mean_gravity_mean	numeric	6	0.00 %	
	angle_t_body_gyro_mean_gravity_mean	numeric	6	0.00 %	
	angle_x_gravity_mean	numeric	6	0.00 %	
	angle_y_gravity_mean	numeric	6	0.00 %	
	angle_z_gravity_mean	numeric	6	0.00 %	
	f_body_acc_jerk_mean_freq_x	numeric	6	0.00 %	
	f_body_acc_jerk_mean_freq_y	numeric	6	0.00 %	
	f_body_acc_jerk_mean_freq_z	numeric	6	0.00 %	
	f_body_acc_jerk_mean_x	numeric	6	0.00 %	
	f_body_acc_jerk_mean_y	numeric	6	0.00 %	
	f_body_acc_jerk_mean_z	numeric	6	0.00 %	
	f_body_acc_mag_mean	numeric	6	0.00 %	
	f_body_acc_mag_mean_freq	numeric	6	0.00 %	
	f_body_acc_mean_freq_x	numeric	6	0.00 %	
	f_body_acc_mean_freq_y	numeric	6	0.00 %	
	f_body_acc_mean_freq_z	numeric	6	0.00 %	
	f_body_acc_mean_x	numeric	6	0.00 %	
	f_body_acc_mean_y	numeric	6	0.00 %	
	f_body_acc_mean_z	numeric	6	0.00 %	
	f_body_body_acc_jerk_mag_mean	numeric	6	0.00 %	
	f_body_body_acc_jerk_mag_mean_freq	numeric	6	0.00 %	
	f_body_body_gyro_jerk_mag_mean	numeric	6	0.00 %	
	f_body_body_gyro_jerk_mag_mean_freq	numeric	6	0.00 %	
	f_body_body_gyro_mag_mean	numeric	6	0.00 %	
	f_body_body_gyro_mag_mean_freq	numeric	6	0.00 %	

Label	Variable	Class	# unique values	Missing	Description
	f_body_gyro_mean_freq_x	numeric	6	0.00 %	
	f_body_gyro_mean_freq_y	numeric	6	0.00 %	
	f_body_gyro_mean_freq_z	numeric	6	0.00 %	
	f_body_gyro_mean_x	numeric	6	0.00 %	
	f_body_gyro_mean_y	numeric	6	0.00 %	
	f_body_gyro_mean_z	numeric	6	0.00 %	
	t_body_acc_jerk_mag_mean	numeric	6	0.00 %	
	t_body_acc_jerk_mean_x	numeric	6	0.00 %	
	t_body_acc_jerk_mean_y	numeric	6	0.00 %	
	t_body_acc_jerk_mean_z	numeric	6	0.00 %	
	t_body_acc_mag_mean	numeric	6	0.00 %	
	t_body_acc_mean_x	numeric	6	0.00 %	
	t_body_acc_mean_y	numeric	6	0.00 %	
	t_body_acc_mean_z	numeric	6	0.00 %	
	t_body_gyro_jerk_mag_mean	numeric	6	0.00 %	
	t_body_gyro_jerk_mean_x	numeric	6	0.00 %	
	t_body_gyro_jerk_mean_y	numeric	6	0.00 %	
	t_body_gyro_jerk_mean_z	numeric	6	0.00 %	
	t_body_gyro_mag_mean	numeric	6	0.00 %	
	t_body_gyro_mean_x	numeric	6	0.00 %	
	t_body_gyro_mean_y	numeric	6	0.00 %	
	t_body_gyro_mean_z	numeric	6	0.00 %	
	t_gravity_acc_mag_mean	numeric	6	0.00 %	
	t_gravity_acc_mean_x	numeric	6	0.00 %	
	t_gravity_acc_mean_y	numeric	6	0.00 %	
	t_gravity_acc_mean_z	numeric	6	0.00 %	

Variable list

activity

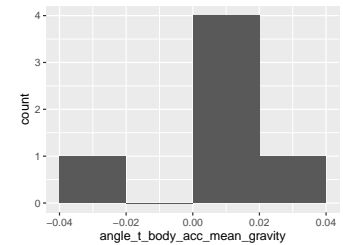- The variable is a key (distinct values for each observation).

angle_t_body_acc_jerk_mean_gravity_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0
1st and 3rd quartiles	0; 0.01
Min. and max.	-0.02; 0.02
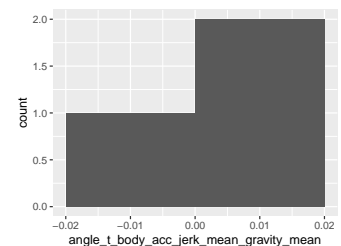
angle_t_body_acc_mean_gravity

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.01
1st and 3rd quartiles	0.01; 0.01
Min. and max.	-0.04; 0.04

angle_t_body_gyro_jerk_mean_gravity_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.01
1st and 3rd quartiles	-0.03; 0.01
Min. and max.	-0.08; 0.04
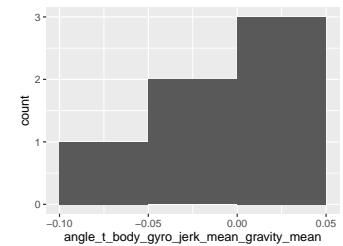
angle_t_body_gyro_mean_gravity_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.01
1st and 3rd quartiles	0.01; 0.02
Min. and max.	-0.13; 0.2
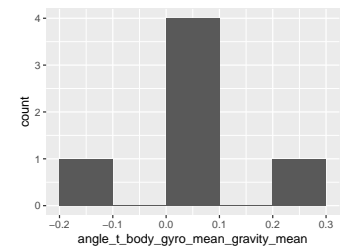
angle_x_gravity_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.73
1st and 3rd quartiles	-0.77; -0.65
Min. and max.	-0.78; 0.52
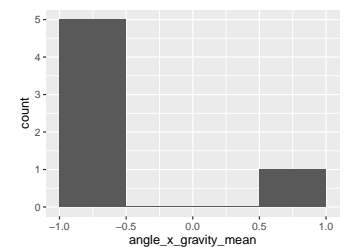
angle_y_gravity_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.21
1st and 3rd quartiles	0.05; 0.22
Min. and max.	-0.44; 0.28
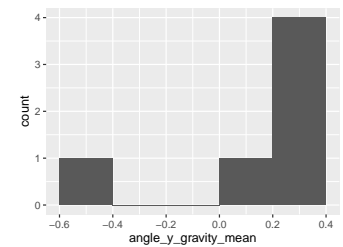
angle_z_gravity_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.04
1st and 3rd quartiles	-0.06; 0.06
Min. and max.	-0.43; 0.12
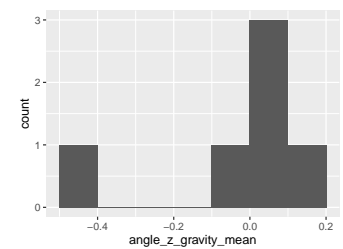
f_body_acc_jerk_mean_freq_x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.08
1st and 3rd quartiles	-0.3; 0.17
Min. and max.	-0.34; 0.2
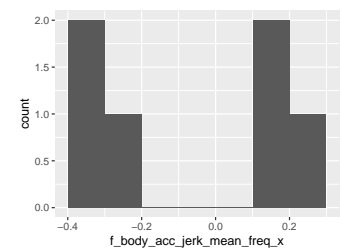
f_body_acc_jerk_mean_freq_y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.24
1st and 3rd quartiles	-0.38; -0.08
Min. and max.	-0.45; 0
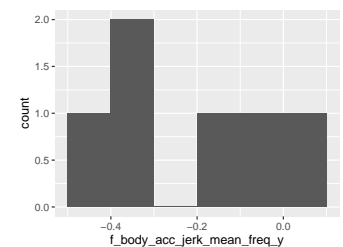
f_body_acc_jerk_mean_freq_z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.12
1st and 3rd quartiles	-0.24; 0.01
Min. and max.	-0.44; 0.07
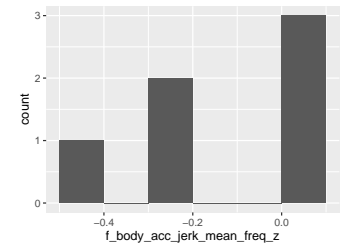
f_body_acc_jerk_mean_x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.68
1st and 3rd quartiles	-0.98; -0.33
Min. and max.	-0.99; -0.07
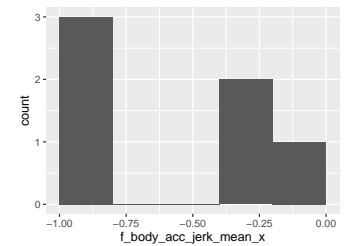
f_body_acc_jerk_mean_y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.66
1st and 3rd quartiles	-0.97; -0.22
Min. and max.	-0.97; -0.12
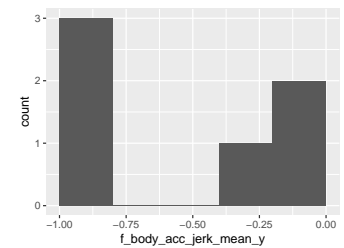
f_body_acc_jerk_mean_z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.78
1st and 3rd quartiles	-0.98; -0.49
Min. and max.	-0.98; -0.33
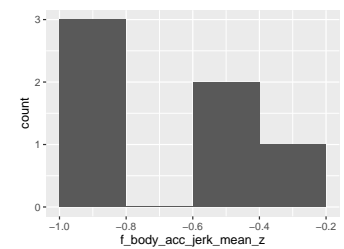
f_body_acc_mag_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.61
1st and 3rd quartiles	-0.95; -0.27
Min. and max.	-0.96; 0.14
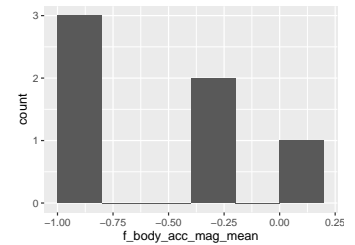
f_body_acc_mag_mean_freq

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.08
1st and 3rd quartiles	0.03; 0.12
Min. and max.	-0.05; 0.18
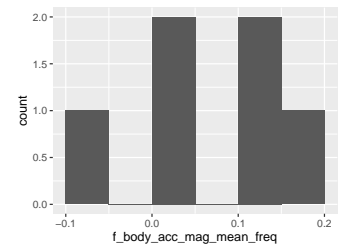
f_body_acc_mean_freq_x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.27
1st and 3rd quartiles	-0.37; -0.1
Min. and max.	-0.44; 0.02
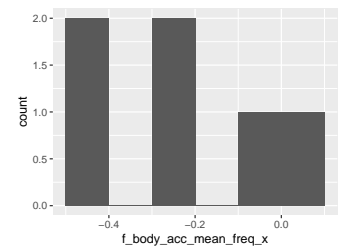
f_body_acc_mean_freq_y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.03
1st and 3rd quartiles	-0.02; 0.06
Min. and max.	-0.17; 0.14
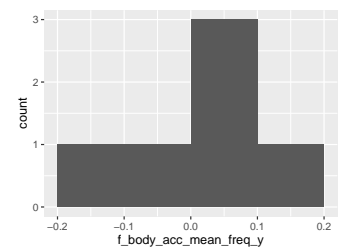
f_body_acc_mean_freq_z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.08
1st and 3rd quartiles	0.06; 0.09
Min. and max.	-0.27; 0.2
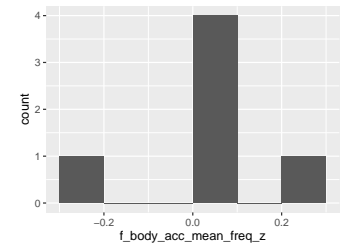
f_body_acc_mean_x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.63
1st and 3rd quartiles	-0.98; -0.29
Min. and max.	-0.98; 0.04
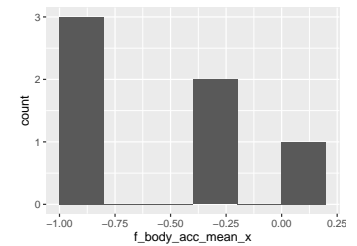
f_body_acc_mean_y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.54
1st and 3rd quartiles	-0.95; -0.07
Min. and max.	-0.95; 0.06
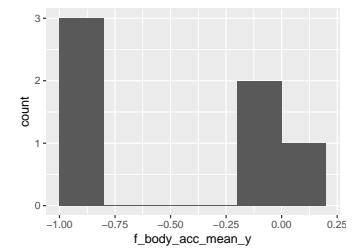
f_body_acc_mean_z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.66
1st and 3rd quartiles	-0.96; -0.35
Min. and max.	-0.96; -0.21
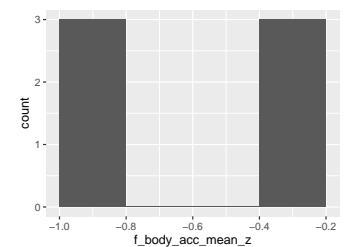
f_body_body_acc_jerk_mag_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.66
1st and 3rd quartiles	-0.97; -0.25
Min. and max.	-0.98; 0
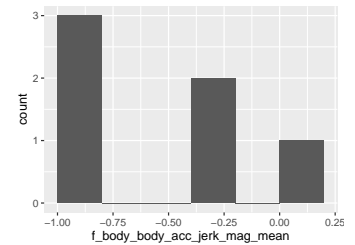
f_body_body_acc_jerk_mag_mean_freq

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.16
1st and 3rd quartiles	0.07; 0.27
Min. and max.	0.02; 0.28
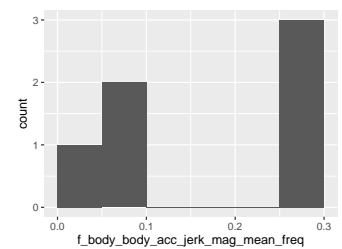
f_body_body_gyro_jerk_mag_mean

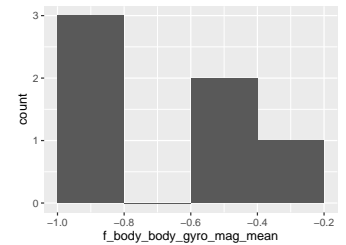| Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.82
1st and 3rd quartiles	-0.98; -0.55
Min. and max.	-0.99; -0.44
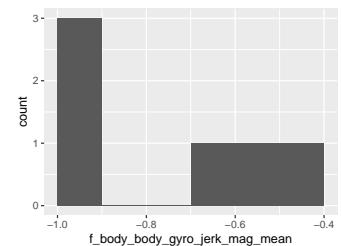
f_body_body_gyro_jerk_mag_mean_freq

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.11
1st and 3rd quartiles	0.09; 0.16
Min. and max.	0.08; 0.18
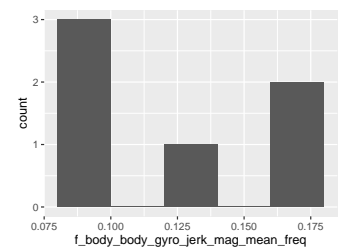
f_body_body_gyro_mag_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.7
1st and 3rd quartiles	-0.95; -0.42
Min. and max.	-0.96; -0.29

f_body_body_gyro_mag_mean_freq

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.05
1st and 3rd quartiles	-0.15; 0.04
Min. and max.	-0.18; 0.16
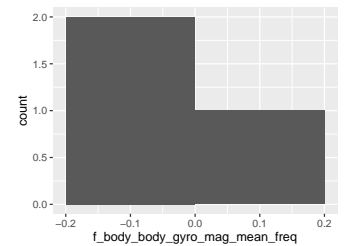
f_body_gyro_mean_freq_x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.12
1st and 3rd quartiles	-0.2; -0.03
Min. and max.	-0.23; 0.06
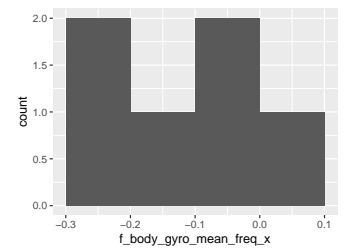
f_body_gyro_mean_freq_y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.18
1st and 3rd quartiles	-0.22; -0.11
Min. and max.	-0.32; -0.04
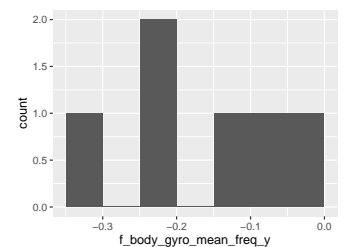
f_body_gyro_mean_freq_z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.05
1st and 3rd quartiles	-0.09; -0.01
Min. and max.	-0.26; 0.11
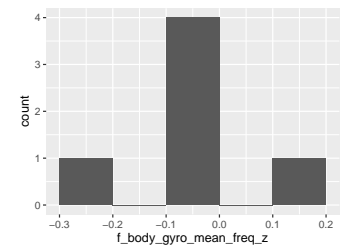
f_body_gyro_mean_x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.67
1st and 3rd quartiles	-0.96; -0.36
Min. and max.	-0.98; -0.22
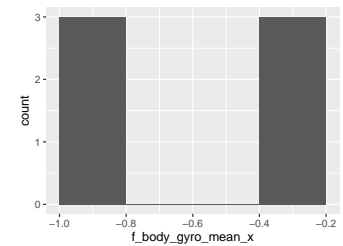
f_body_gyro_mean_y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.71
1st and 3rd quartiles	-0.97; -0.41
Min. and max.	-0.97; -0.32
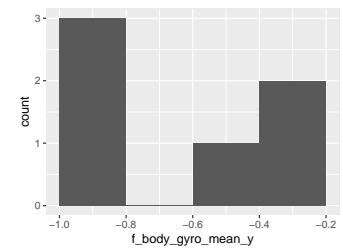
f_body_gyro_mean_z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.63
1st and 3rd quartiles	-0.96; -0.3
Min. and max.	-0.96; -0.17
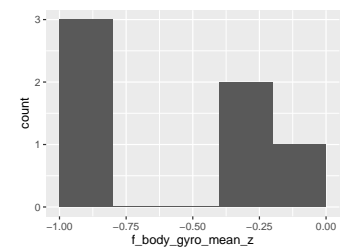
t_body_acc_jerk_mag_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.68
1st and 3rd quartiles	-0.98; -0.28
Min. and max.	-0.98; -0.11
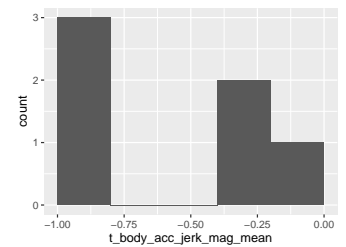
t_body_acc_jerk_mean_x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.08
1st and 3rd quartiles	0.08; 0.08
Min. and max.	0.08; 0.09
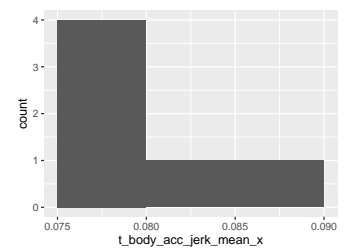
t_body_acc_jerk_mean_y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.01
1st and 3rd quartiles	0.01; 0.01
Min. and max.	0; 0.01
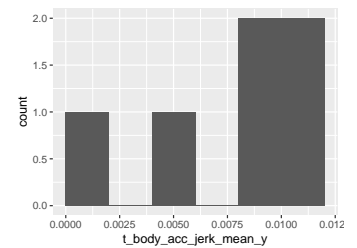
t_body_acc_jerk_mean_z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0
1st and 3rd quartiles	-0.01; 0
Min. and max.	-0.01; 0
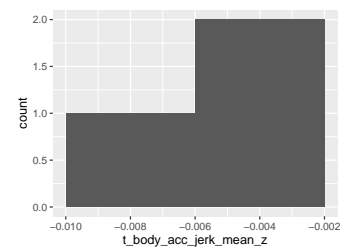
t_body_acc_mag_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.55
1st and 3rd quartiles	-0.95; -0.12
Min. and max.	-0.95; 0.1
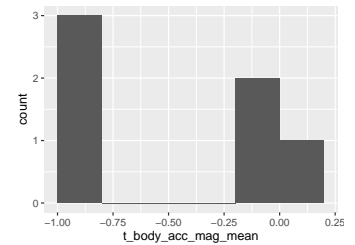
t_body_acc_mean_x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.27
1st and 3rd quartiles	0.27; 0.28
Min. and max.	0.26; 0.29
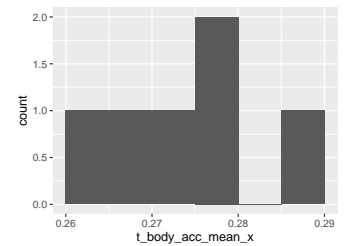
t_body_acc_mean_y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.02
1st and 3rd quartiles	-0.02; -0.02
Min. and max.	-0.03; -0.01
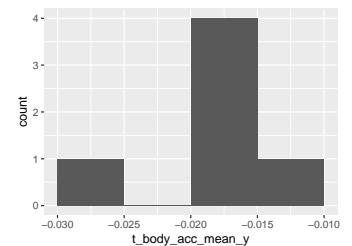
t_body_acc_mean_z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.11
1st and 3rd quartiles	-0.11; -0.11
Min. and max.	-0.12; -0.11
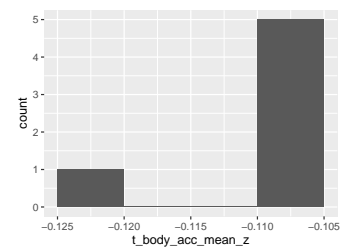
t_body_gyro_jerk_mag_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.79
1st and 3rd quartiles	-0.98; -0.5
Min. and max.	-0.99; -0.42
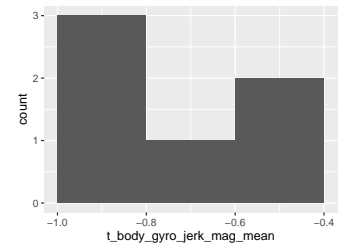
t_body_gyro_jerk_mean_x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.1
1st and 3rd quartiles	-0.1; -0.09
Min. and max.	-0.11; -0.07
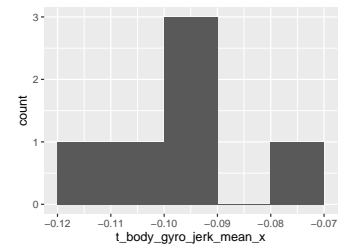
t_body_gyro_jerk_mean_y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.04
1st and 3rd quartiles	-0.04; -0.04
Min. and max.	-0.05; -0.04
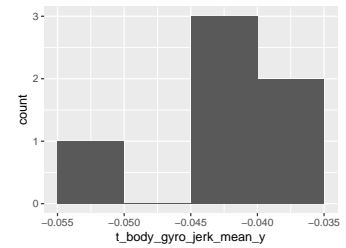
t_body_gyro_jerk_mean_z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.05
1st and 3rd quartiles	-0.05; -0.05
Min. and max.	-0.06; -0.05
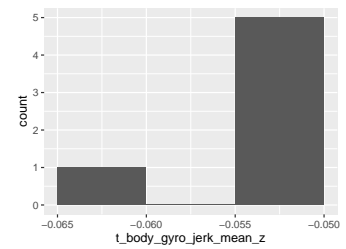
t_body_gyro_mag_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.61
1st and 3rd quartiles	-0.94; -0.2
Min. and max.	-0.95; -0.13
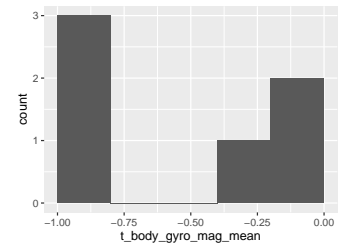
t_body_gyro_mean_x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.03
1st and 3rd quartiles	-0.04; -0.02
Min. and max.	-0.08; 0.01
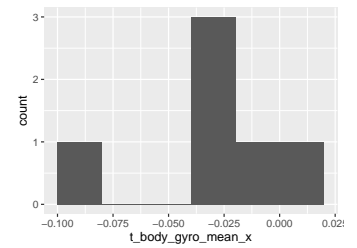
t_body_gyro_mean_y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.07
1st and 3rd quartiles	-0.08; -0.07
Min. and max.	-0.09; -0.05
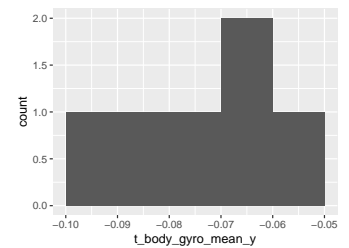
t_body_gyro_mean_z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.08
1st and 3rd quartiles	0.08; 0.09
Min. and max.	0.06; 0.13
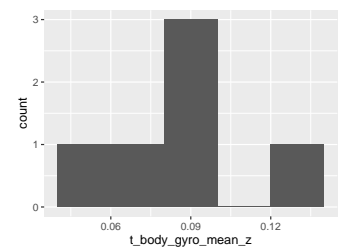
t_gravity_acc_mag_mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.55
1st and 3rd quartiles	-0.95; -0.12
Min. and max.	-0.95; 0.1
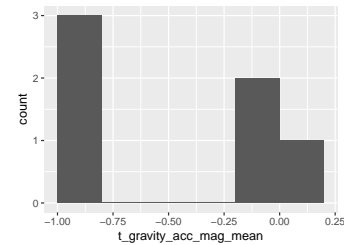
t_gravity_acc_mean_x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	0.9
1st and 3rd quartiles	0.88; 0.93
Min. and max.	-0.38; 0.94
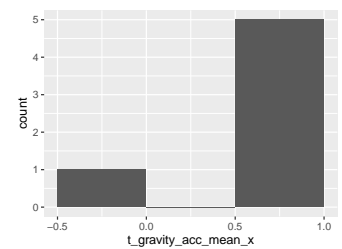
t_gravity_acc_mean_y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.18
1st and 3rd quartiles	-0.19; 0.04
Min. and max.	-0.28; 0.62
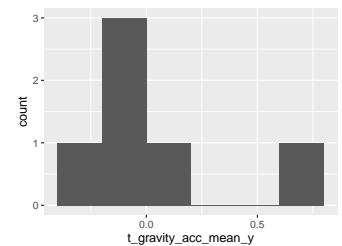
t_gravity_acc_mean_z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	-0.03
1st and 3rd quartiles	-0.05; 0.11
Min. and max.	-0.14; 0.56
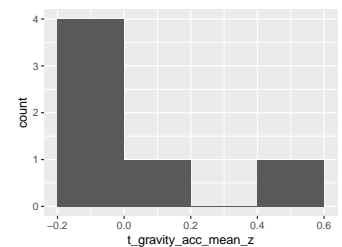
Report generation information:

- Report creation time: Wed Jun 29 2022 10:33:39

- Report was run from directory: `C:/Users/Gauthier Abdala/Documents/RWD/datasciencecoursera`

- dataMaid v1.4.1 [Pkg: 2021-10-08 from CRAN (R 4.1.3)]

- R version 4.1.1 (2021-08-10).

- Platform: i386-w64-mingw32/i386 (32-bit)(Windows 10 x64 (build 19044)).

- Function call: `dataMaid::makeDataReport(data = new_data, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook_new_data.Rmd", checks = list(character = "showAllFactorLevels", factor = "showAllFactorLevels", labelled = "showAllFactorLevels", haven_labelled = "showAllFactorLevels", numeric = NULL, integer = NULL, logical = NULL, Date = NULL), listChecks = FALSE, maxProbVals = Inf, codebook = TRUE, reportTitle = "Codebook for new_data")`