Variable Dictionary for 'tidy_data.txt'

VARIABLE	DESCRIPTION	STRUCTURE
[1] id	Identifies subject	Unlabeled Factor: 30 levels
[2] activity	Activity at time of measurement	Labeled Factor: 6 levels 1: walking 2: walking_upstairs 3: walking_downstairs 4: sitting 5: standing 6: laying
[3] time_body_acc_mean_x	Mean value of body acceleration time signals in the x-axis	Numeric
[4] time_body_acc_mean_y	Mean value of body acceleration time signals in the y-axis	Numeric
[5] time_body_acc_mean_z	Mean value of body acceleration time signals in the z-axis	Numeric

[6] time_grav_acc_mean_x	Mean value of gravity acceleration time signals in the x-axis	Numeric
[7] time_grav_acc_mean_y	Mean value of gravity acceleration time signals in the y-axis	Numeric
[8] time_grav_acc_mean_z	Mean value of gravity acceleration time signals in the z-axis	Numeric
[9] time_body_acc_jerk_mean_x	Mean value of body acceleration jerk time signals in the x-axis	Numeric
[10] time_body_acc_jerk_mean_y	Mean value of body acceleration jerk time signals in the y-axis	Numeric
[11] time_body_acc_jerk_mean_z	Mean value of body acceleration jerk time signals in the z-axis	Numeric
[12] time_body_gyro_mean_x		Numeric

	Mean value of body gyration time signals in the x-axis	
[13] time_body_gyro_mean_y	Mean value of body gyration time signals in the y-axis	Numeric
[14] time_body_gyro_mean_z	Mean value of body gyration time signals in the z-axis	Numeric
[15] time_body_gyro_jerk_mean_x	Mean value of body gyration jerk time signals in the x-axis	Numeric
[16] time_body_gyro_jerk_mean_y	Mean value of body gyration jerk time signals in the y-axis	Numeric
[17] time_body_gyro_jerk_mean_z	Mean value of body gyration jerk time signals in the z-axis	Numeric
[18] time_body_acc_mag_mean	Average magnitude of body acceleration time signals	Numeric

[19] time_grav_acc_mag_mean	Average magnitude of gravity acceleration time signals	Numeric
[20] time_body_acc_jerk_mag_mean	Average magnitude of body acceleration jerk time signals	Numeric
[21] time_body_gyro_mag_mean	Average magnitude of body gyration time signals	Numeric
[22] time_body_gyro_jerk_mag_mean	Average magnitude of body gyration jerk time signals	Numeric
[23] freq_body_acc_mean_x	Mean value of body acceleration frequency signals in the x-axis	Numeric
[24] freq_body_acc_mean_y	Mean value of body acceleration frequency signals in the y-axis	Numeric
[25] freq_body_acc_mean_z	Mean value of body acceleration frequency signals in the z-axis	Numeric

[26] freq_body_acc_jerk_mean_x	Mean value of body acceleration jerk frequency signals in the x-axis	Numeric
[27] freq_body_acc_jerk_mean_y	Mean value of body acceleration jerk frequency signals in the y-axis	Numeric
[28] freq_body_acc_jerk_mean_z	Mean value of body acceleration jerk frequency signals in the z-axis	Numeric
[29] freq_body_gyro_mean_x	Mean value of body gyration frequency signals in the x-axis	Numeric
[30] freq_body_gyro_mean_y	Mean value of body gyration frequency signals in the y-axis	Numeric
[31] freq_body_gyro_mean_z	Mean value of body gyration frequency signals in the z-axis	Numeric
[32] freq_body_acc_mag_mean		Numeric

	Average magnitude of body acceleration frequency signals	
[33] freq_body_acc_jerk_mag_mean	Average magnitude of body acceleration jerk frequency signals	Numeric
[34] freq_body_gyro_mag_mean	Average magnitude of body gyration frequency signals	Numeric
[35] freq_body_gyro_jerk_mag_mean	Average magnitude of body gyration jerk frequency signals	Numeric
[36] time_body_acc_std_x	Standard deviation of body acceleration time signals in the x-axis	Numeric
[37] time_body_acc_std_y	Standard deviation of body acceleration time signals in the y-axis	Numeric
[38] time_body_acc_std_z		Numeric

	Standard deviation of body acceleration time signals in the z-axis	
[39] time_grav_acc_std_x	Standard deviation of gravity acceleration time signals in the x-axis	Numeric
[40] time_grav_acc_std_y	Standard deviation of gravity acceleration time signals in the y-axis	Numeric
[41] time_grav_acc_std_z	Standard deviation of gravity acceleration time signals in the z-axis	Numeric
[42] time_body_acc_jerk_std_x	Standard deviation of body acceleration jerk time signals in the x-axis	Numeric
[43] time_body_acc_jerk_std_y		Numeric

	Standard deviation of body acceleration jerk time signals in the y-axis	
[44] time_body_acc_jerk_std_z	Standard deviation of body acceleration jerk time signals in the z-axis	Numeric
[45] time_body_gyro_std_x	Standard deviation of body gyration time signals in the x-axis	Numeric
[46] time_body_gyro_std_y	Standard deviation of body gyration time signals in the y-axis	Numeric
[47] time_body_gyro_std_z	Standard deviation of body gyration time signals in the z-axis	Numeric
[48] time_body_gyro_jerk_std_x	Standard deviation of body gyration jerk time signals in the x-axis	Numeric
[49] time_body_gyro_jerk_std_y		

	Standard deviation of body gyration jerk time signals in the y-axis	Numeric
[50] time_body_gyro_jerk_std_z	Standard deviation of body gyration jerk time signals in the z-axis	Numeric
[51] time_body_acc_mag_std	Standard deviation of magnitudes of body acceleration time signals	Numeric
[52] time_grav_acc_mag_std	Standard deviation of magnitudes of gravity acceleration time signals	Numeric
[53] time_body_acc_jerk_mag_std	Standard deviation of magnitudes of body acceleration jerk time signals	Numeric
[54] time_body_gyro_mag_std	Standard deviation of magnitudes of gyration jerk time signals	Numeric
[55] time_body_gyro_jerk_mag_std		

	Standard deviation of magnitudes of body gyration jerk time signals	Numeric
[56] freq_body_acc_std_x	Standard deviation of body acceleration frequency signals in the x-axis	Numeric
[57] freq_body_acc_std_y	Standard deviation of body acceleration frequency signals in the y-axis	Numeric
[58] freq_body_acc_std_z	Standard deviation of body acceleration frequency signals in the z-axis	Numeric
[59] freq_body_acc_jerk_std_x	Standard deviation of body acceleration jerk frequency signals in the x-axis	Numeric
[60] freq_body_acc_jerk_std_y	Standard deviation of body acceleration jerk frequency signals in the y-axis	Numeric

[61] freq_body_acc_jerk_std_z	Standard deviation of body acceleration jerk frequency signals in the z-axis	Numeric
[62] freq_body_gyro_std_x	Standard deviation of body gyration frequency signals in the x-axis	Numeric
[63] freq_body_gyro_std_y	Standard deviation of body gyration frequency signals in the y-axis	Numeric
[64] freq_body_gyro_std_z	Standard deviation of body gyration frequency signals in the z-axis	Numeric
[65] freq_body_acc_mag_std	Standard deviation of the magnitudes of body's frequency acceleration signals	Numeric
[66] freq_body_acc_jerk_mag_std		

	Standard deviation of the magnitudes of body's frequency acceleration jerk signals	Numeric
[67] freq_body_gyro_mag_std	Standard deviation of the magnitudes of body's frequency gyration signals	Numeric
[68] freq_body_gyro_jerk_mag_std	Standard deviation of the magnitudes of body's frequency gyration jerk signals	Numeric