

TidyData.txt Codebook

Getting and Cleaning Data final assignment

2020-09-01 23:31:48

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	180
Number of variables	88

Codebook summary table

Label	Variable	Class	# unique values	Missing	Description
	[Subject]	integer	30	0.00 %	
	[Activity]	factor	6	0.00 %	
	[Time.BodyAccelerometer.Mean-X]	numeric	180	0.00 %	
	[Time.BodyAccelerometer.Mean-Y]	numeric	180	0.00 %	
	[Time.BodyAccelerometer.Mean-Z]	numeric	180	0.00 %	
	[Time.GravityAccelerometer.Mean-X]	numeric	180	0.00 %	
	[Time.GravityAccelerometer.Mean-Y]	numeric	180	0.00 %	
	[Time.GravityAccelerometer.Mean-Z]	numeric	180	0.00 %	
	[Time.BodyAccelerometerJerk.Mean-X]	numeric	180	0.00 %	
	[Time.BodyAccelerometerJerk.Mean-Y]	numeric	180	0.00 %	
	[Time.BodyAccelerometerJerk.Mean-Z]	numeric	180	0.00 %	
	[Time.BodyGyroscope.Mean-X]	numeric	180	0.00 %	
	[Time.BodyGyroscope.Mean-Y]	numeric	180	0.00 %	
	[Time.BodyGyroscope.Mean-Z]	numeric	180	0.00 %	
	[Time.BodyGyroscopeJerk.Mean-X]	numeric	180	0.00 %	
	[Time.BodyGyroscopeJerk.Mean-Y]	numeric	180	0.00 %	
	[Time.BodyGyroscopeJerk.Mean-Z]	numeric	180	0.00 %	
	[Time.BodyAccelerometerMag.Mean]	numeric	180	0.00 %	
	[Time.GravityAccelerometerMag.Mean]	numeric	180	0.00 %	
	[Time.BodyAccelerometerJerkMag.Mean]	numeric	180	0.00 %	
	[Time.BodyGyroscopeMag.Mean]	numeric	180	0.00 %	
	[Time.BodyGyroscopeJerkMag.Mean]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometer.Mean-X]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometer.Mean-Y]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometer.Mean-Z]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometer.MeanFrequency-X]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometer.MeanFrequency-Y]	numeric	180	0.00 %	

Label	Variable	Class	# unique values	Missing	Description
	[Frequency.BodyAccelerometer.MeanFrequency-Z]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerJerk.Mean-X]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerJerk.Mean-Y]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerJerk.Mean-Z]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerJerk.MeanFrequency-X]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerJerk.MeanFrequency-Y]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerJerk.MeanFrequency-Z]	numeric	180	0.00 %	
	[Frequency.BodyGyroscope.Mean-X]	numeric	180	0.00 %	
	[Frequency.BodyGyroscope.Mean-Y]	numeric	180	0.00 %	
	[Frequency.BodyGyroscope.Mean-Z]	numeric	180	0.00 %	
	[Frequency.BodyGyroscope.MeanFrequency-X]	numeric	180	0.00 %	
	[Frequency.BodyGyroscope.MeanFrequency-Y]	numeric	180	0.00 %	
	[Frequency.BodyGyroscope.MeanFrequency-Z]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerMag.Mean]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerMag.MeanFrequency]	numeric	180	0.00 %	
	[Frequency.BodyBodyAccelerometerJerkMag.Mean]	numeric	180	0.00 %	
	[Frequency.BodyBodyAccelerometerJerkMag.MeanFrequency]	numeric	180	0.00 %	
	[Frequency.BodyBodyGyroscopeMag.Mean]	numeric	180	0.00 %	
	[Frequency.BodyBodyGyroscopeMag.MeanFrequency]	numeric	180	0.00 %	
	[Frequency.BodyBodyGyroscopeJerkMag.Mean]	numeric	180	0.00 %	
	[Frequency.BodyBodyGyroscopeJerkMag.MeanFrequency]	numeric	180	0.00 %	
	[angle(tBodyAccelerometerMean,gravity)]	numeric	180	0.00 %	
	[angle(tBodyAccelerometerJerkMean,gravityMean)]	numeric	180	0.00 %	
	[angle(tBodyGyroscopeMean,gravityMean)]	numeric	180	0.00 %	
	[angle(tBodyGyroscopeJerkMean,gravityMean)]	numeric	180	0.00 %	
	[angle(X,gravityMean)]	numeric	180	0.00 %	
	[angle(Y,gravityMean)]	numeric	180	0.00 %	
	[angle(Z,gravityMean)]	numeric	180	0.00 %	
	[Time.BodyAccelerometer.Std-X]	numeric	180	0.00 %	
	[Time.BodyAccelerometer.Std-Y]	numeric	180	0.00 %	
	[Time.BodyAccelerometer.Std-Z]	numeric	180	0.00 %	
	[Time.GravityAccelerometer.Std-X]	numeric	180	0.00 %	
	[Time.GravityAccelerometer.Std-Y]	numeric	180	0.00 %	
	[Time.GravityAccelerometer.Std-Z]	numeric	180	0.00 %	
	[Time.BodyAccelerometerJerk.Std-X]	numeric	180	0.00 %	
	[Time.BodyAccelerometerJerk.Std-Y]	numeric	180	0.00 %	
	[Time.BodyAccelerometerJerk.Std-Z]	numeric	180	0.00 %	
	[Time.BodyGyroscope.Std-X]	numeric	180	0.00 %	
	[Time.BodyGyroscope.Std-Y]	numeric	180	0.00 %	
	[Time.BodyGyroscope.Std-Z]	numeric	180	0.00 %	
	[Time.BodyGyroscopeJerk.Std-X]	numeric	180	0.00 %	
	[Time.BodyGyroscopeJerk.Std-Y]	numeric	180	0.00 %	
	[Time.BodyGyroscopeJerk.Std-Z]	numeric	180	0.00 %	
	[Time.BodyAccelerometerMag.Std]	numeric	180	0.00 %	
	[Time.GravityAccelerometerMag.Std]	numeric	180	0.00 %	
	[Time.BodyAccelerometerJerkMag.Std]	numeric	180	0.00 %	
	[Time.BodyGyroscopeMag.Std]	numeric	180	0.00 %	
	[Time.BodyGyroscopeJerkMag.Std]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometer.Std-X]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometer.Std-Y]	numeric	180	0.00 %	

Label	Variable	Class	# unique values	Missing	Description
	[Frequency.BodyAccelerometer.Std-Z]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerJerk.Std-X]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerJerk.Std-Y]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerJerk.Std-Z]	numeric	180	0.00 %	
	[Frequency.BodyGyroscope.Std-X]	numeric	180	0.00 %	
	[Frequency.BodyGyroscope.Std-Y]	numeric	180	0.00 %	
	[Frequency.BodyGyroscope.Std-Z]	numeric	180	0.00 %	
	[Frequency.BodyAccelerometerMag.Std]	numeric	180	0.00 %	
	[Frequency.BodyBodyAccelerometerJerkMag.Std]	numeric	180	0.00 %	
	[Frequency.BodyBodyGyroscopeMag.Std]	numeric	180	0.00 %	
	[Frequency.BodyBodyGyroscopeJerkMag.Std]	numeric	180	0.00 %	