**Data Dictionary**

Exercise\_Activity Type of exercise conducted

* WALKING
* WALKING\_UPSTAIRS
* WALKING\_DOWNSTAIRS
* SITTING
* STANDING
* LAYING

Subject Identification code for test subject

* 1
* 2
* 3
* 4
* 5
* 6
* 7
* 8
* 9
* 10
* 11
* 12
* 13
* 14
* 15
* 16
* 17
* 18
* 19
* 20
* 21
* 22
* 23
* 24
* 25
* 26
* 27
* 28
* 29
* 30

Status Stage of trial

* testing
* training

Sensor Sensor used for measurements

* acceleration
* gyroscope

Domain Domain of signals measured

* time
* frequency

Acceleration\_Signal Type of acceleration signal measured

* body motion
* gravitational

Signal\_Type Jerk derived from body linear acceleration and angular velocity

* Jerk
* Not Jerk

Measure Measurement type

* magnitude
* amplitude

Axis Direction of axial signal

* X
* Y
* Z
* All

Variable Statistic calculated on data

* average
* standard deviation

Value Value of measurement

**Data Source**

Human Activity Recognition Using Smartphones Data Set

UCI Machine Learning Repository, Center for Machine Learning and Intelligent Systems

https://d396qusza40orc.cloudfront.net/getdata%2Fprojectfiles%2FUCI%20HAR%20Dataset.zip

Davide Anguita, Alessandro Ghio, Luca Oneto, Xavier Parra and Jorge L. Reyes-Ortiz. A Public Domain Dataset for Human Activity Recognition Using Smartphones. 21th European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning, ESANN 2013. Bruges, Belgium 24-26 April 2013.