CodeBook

Onyeka Enwerem

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# Codebook

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## Variable list and descriptions

|  |  |
| --- | --- |
| Variable name | Description |
| subject | ID of the subject who performed the activity for each window sample. Its range is from 1 to 30. |
| activity | Activity name |
| domain | Feature: Time domain signal or frequency domain signal (Time or Freq) |
| instrument | Feature: Measuring instrument (Accelerometer or Gyroscope) |
| acceleration | Feature: Acceleration signal (Body or Gravity) |
| variable | Feature: Variable (Mean or SD) |
| jerk | Feature: Jerk signal |
| magnitude | Feature: Magnitude of the signals calculated using the Euclidean norm |
| axis | Feature: 3-axial signals in the X, Y and Z directions (X, Y, or Z) |
| count | Feature: Count of data points used to compute average |
| average | Feature: Average of each variable for each activity and each subject |

## Dataset structure

{r} eval=TRUE, echo=FALSE paste("Hello")

## List the key variables in the data table

## Show a few rows of the dataset