Codebook for tidydatamean.csv

| No. | Column Name | Description | Value |
|-----|-------------------------|--|--|
| 1 | SUBJECT.ID | To identify subject who performed the | Type: Integer |
| | JODICI.ID | activity for each observations/rows | • Value: 1 to 30 |
| 2 | ACTIVITY.NAME | Describe activity carried out by subject for every observations | Type: Factor w/ 6 levels Value: :WALKING :WALKING_UPSTAIRS :WALKING_DOWNSTAIRS :SITTING :STANDING :LAYING |
| 3 | TIME.BODYACC.MEAN.X | Mean of time domain for body acceleration signal in X direction | Type: NumericValue: -1 to 1 |
| 4 | TIME.BODYACC.MEAN.Y | Mean of time domain for body acceleration signal in Y direction | Type: NumericValue: -1 to 1 |
| 5 | TIME.BODYACC.MEAN.Z | Mean of time domain for body acceleration signal in Z direction | Type: NumericValue: -1 to 1 |
| 6 | TIME.BODYACC.STD.X | Standard deviation of time domain for body acceleration signal in X direction | Type: NumericValue: -1 to 1 |
| 7 | TIME.BODYACC.STD.Y | Standard deviation of time domain for body acceleration signal in Y direction | Type: NumericValue: -1 to 1 |
| 8 | TIME.BODYACC.STD.Z | Standard deviation of time domain for body acceleration signal in Z direction | Type: NumericValue: -1 to 1 |
| 9 | TIME.GRAVITYACC.MEAN.X | Mean of time domain for gravity acceleration signal in X direction | Type: NumericValue: -1 to 1 |
| 10 | TIME.GRAVITYACC.MEAN.Y | Mean of time domain for gravity acceleration signal in Y direction | Type: NumericValue: -1 to 1 |
| 11 | TIME.GRAVITYACC.MEAN.Z | Mean of time domain for gravity acceleration signal in Z direction | Type: NumericValue: -1 to 1 |
| 12 | TIME.GRAVITYACC.STD.X | Standard deviation of time domain for gravity acceleration signal in X direction | Type: NumericValue: -1 to 1 |
| 13 | TIME.GRAVITYACC.STD.Y | Standard deviation of time domain for gravity acceleration signal in Y direction | Type: NumericValue: -1 to 1 |
| 14 | TIME.GRAVITYACC.STD.Z | Standard deviation of time domain for gravity acceleration signal in Z direction | Type: NumericValue: -1 to 1 |
| 15 | TIME.BODYACCJERK.MEAN.X | Mean of time domain for body acceleration jerk signal in X direction | Type: NumericValue: -1 to 1 |
| 16 | TIME.BODYACCJERK.MEAN.Y | Mean of time domain for body acceleration jerk signal in Y direction | Type: NumericValue: -1 to 1 |
| 17 | TIME.BODYACCJERK.MEAN.Z | Mean of time domain for body acceleration jerk signal in Z direction | Type: NumericValue: -1 to 1 |
| 18 | TIME.BODYACCJERK.STD.X | Standard deviation of time domain for body acceleration jerk signal in X direction | Type: NumericValue: -1 to 1 |
| 19 | TIME.BODYACCJERK.STD.Y | Standard deviation of time domain for body acceleration jerk signal in Y direction | Type: NumericValue: -1 to 1 |
| 20 | TIME.BODYACCJERK.STD.Z | Standard deviation of time domain for body acceleration jerk signal in Z direction | Type: NumericValue: -1 to 1 |
| 21 | TIME.BODYGYRO.MEAN.X | Mean of time domain for body angular velocity signal in X direction | Type: NumericValue: -1 to 1 |
| 22 | TIME.BODYGYRO.MEAN.Y | Mean of time domain for body angular velocity signal in Y direction | Type: NumericValue: -1 to 1 |
| 23 | TIME.BODYGYRO.MEAN.Z | Mean of time domain for body angular velocity signal in Z direction | Type: NumericValue: -1 to 1 |

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|----|-----------------------------|--|--|
| 24 | TIME PODVCVPO STD V | Standard deviation of time domain for | Type: Numeric |
| 24 | TIME.BODYGYRO.STD.X | body angular velocity signal in X direction | • Value: -1 to 1 |
| | | Standard deviation of time domain for | |
| 25 | TIME.BODYGYRO.STD.Y | body angular velocity signal in Y | Type: Numeric |
| 23 | TIME.BODIGINO.31D.1 | direction | • Value: -1 to 1 |
| | | Standard deviation of time domain for | |
| 26 | TIME.BODYGYRO.STD.Z | body angular velocity signal in Z | Type: Numeric |
| | | direction | • Value: -1 to 1 |
| 27 | TIME DODVOVDOJEDK MEANI V | Mean of time domain for body angular | Type: Numeric |
| 27 | TIME.BODYGYROJERK.MEAN.X | velocity jerk signal in X direction | • Value: -1 to 1 |
| 28 | TIME.BODYGYROJERK.MEAN.Y | Mean of time domain for body angular | Type: Numeric |
| 20 | THVIE.BODTOTHOJERK.IVIEAN.T | velocity jerk signal in Y direction | • Value: -1 to 1 |
| 29 | TIME.BODYGYROJERK.MEAN.Z | Mean of time domain for body angular | Type: Numeric |
| | THVE.BODTOTHOJEHR.IVEZ | velocity jerk signal in Z direction | Value: -1 to 1 |
| | | Standard deviation of time domain for | Type: Numeric |
| 30 | TIME.BODYGYROJERK.STD.X | body angular velocity jerk signal in X | • Value: -1 to 1 |
| | | direction | |
| 31 | TIME.BODYGYROJERK.STD.Y | Standard deviation of time domain for body angular velocity jerk signal in Y | Type: Numeric |
| 21 | THIVIE.DODIGINOJEKK.STD.1 | direction | • Value: -1 to 1 |
| | | Standard deviation of time domain for | |
| 32 | TIME.BODYGYROJERK.STD.Z | body angular velocity jerk signal in Z | Type: Numeric |
| - | | direction | • Value: -1 to 1 |
| 22 | TIME DODYACCAAAC AAFAAL | Mean of time domain for magnitude of | Type: Numeric |
| 33 | TIME.BODYACCMAG.MEAN | 3-axial body acceleration signal | Value: -1 to 1 |
| | | Standard deviation of time domain for | Type: Numeric |
| 34 | TIME.BODYACCMAG.STD | magnitude of 3-axial body acceleration | Type: NumericValue: -1 to 1 |
| | | signal | |
| 35 | TIME.GRAVITYACCMAG.MEAN | Mean of time domain for magnitude of | Type: Numeric |
| | | 3-axial gravity acceleration signal | Value: -1 to 1 |
| 20 | TIME CDANITYACCAAAC CTD | Standard deviation of time domain for | Type: Numeric |
| 36 | TIME.GRAVITYACCMAG.STD | magnitude of 3-axial gravity acceleration signal | • Value: -1 to 1 |
| | | Mean of time domain for magnitude of | Type: Numeric |
| 37 | TIME.BODYACCJERKMAG.MEAN | 3-axial body acceleration jerk signal | Value: -1 to 1 |
| | 1 | Standard deviation of time domain for | |
| 38 | TIME.BODYACCJERKMAG.STD | magnitude of 3-axial body acceleration | Type: Numeric |
| | | jerk signal | • Value: -1 to 1 |
| 20 | TIME DODYCVDOMAC MEAN | Mean of time domain for magnitude of | Type: Numeric |
| 39 | TIME.BODYGYROMAG.MEAN | 3-axial body angular velocity signal | Value: -1 to 1 |
| | | Standard deviation of time domain for | Type: Numeric |
| 40 | TIME.BODYGYROMAG.STD | magnitude of 3-axial body angular | Value: -1 to 1 |
| | | velocity signal | |
| 41 | TIME.BODYGYROJERKMAG.MEAN | Mean of time domain for magnitude of | Type: Numeric |
| | | 3-axial body angular velocity jerk signal | Value: -1 to 1 |
| 42 | TIME.BODYGYROJERKMAG.STD | Standard deviation of time domain for magnitude of 3-axial body angular | Type: Numeric |
| 42 | THIVIL.BODIGINGJENNIVIG.31D | velocity jerk signal | • Value: -1 to 1 |
| | <u> </u> | Mean of frequency domain for body | Type: Numeric |
| 43 | FREQ.BODYACC.MEAN.X | acceleration signal in X direction | Value: -1 to 1 |
| | | Mean of frequency domain for body | Type: Numeric |
| 44 | FREQ.BODYACC.MEAN.Y | acceleration signal in Y direction | • Value: -1 to 1 |
| | | Mean of frequency domain for body | Type: Numeric |
| 45 | FREQ.BODYACC.MEAN.Z | acceleration signal in Z direction | • Value: -1 to 1 |
| | | Standard deviation of frequency domain | |
| 46 | FREQ.BODYACC.STD.X | for body acceleration signal in X | Type: Numeric Value: 1 to 1 |
| | | direction | Value: -1 to 1 |
| | | Standard deviation of frequency domain | Type: Numeric |
| 47 | FREQ.BODYACC.STD.Y | for body acceleration signal in Y | Value: -1 to 1 |
| | | direction | value. I to I |

| | Standard deviation of tim frequency | |
|-------------------------------|--|--|
| FREQ.BODYACC.STD.Z | domain for body acceleration signal in Z direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYACCJERK.MEAN.X | Mean of frequency domain for body acceleration jerk signal in X direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYACCJERK.MEAN.Y | Mean of frequency domain for body acceleration jerk signal in Y direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYACCJERK.MEAN.Z | Mean of frequency domain for body acceleration jerk signal in Z direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYACCJERK.STD.X | for body acceleration jerk signal in X direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYACCJERK.STD.Y | for body acceleration jerk signal in Y direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYACCJERK.STD.Z | Standard deviation of tim frequency domain for body acceleration jerk signal in Z direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYGYRO.MEAN.X | Mean of frequency domain for body angular velocity signal in X direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYGYRO.MEAN.Y | Mean of frequency domain for body angular velocity signal in Y direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYGYRO.MEAN.Z | Mean of frequency domain for body angular velocity signal in Z direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYGYRO.STD.X | Standard deviation of frequency domain for body angular velocity signal in X direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYGYRO.STD.Y | Standard deviation of frequency domain for body angular velocity signal in Y direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYGYRO.STD.Z | Standard deviation of frequency domain for body angular velocity signal in Z direction | Type: NumericValue: -1 to 1 |
| FREQ.BODYACCMAG.MEAN | Mean of frequency domain for magnitude of 3-axial body acceleration signal | Type: NumericValue: -1 to 1 |
| FREQ.BODYACCMAG.STD | Standard deviation of frequency domain for magnitude of 3-axial body acceleration signal | Type: NumericValue: -1 to 1 |
| FREQ.BODYBODYACCJERKMAG.MEAN | Mean of frequency domain for magnitude of 3-axial body acceleration jerk signal | Type: NumericValue: -1 to 1 |
| FREQ.BODYBODYACCJERKMAG.STD | Standard deviation of frequency domain for magnitude of 3-axial body acceleration jerk signal | Type: NumericValue: -1 to 1 |
| FREQ.BODYBODYGYROMAG.MEAN | Mean of frequency domain for magnitude of 3-axial body angular velocity signal | Type: NumericValue: -1 to 1 |
| FREQ.BODYBODYGYROMAG.STD | Standard deviation of frequency domain for magnitude of 3-axial body angular velocity signal | Type: NumericValue: -1 to 1 |
| FREQ.BODYBODYGYROJERKMAG.MEAN | Mean of frequency domain for magnitude of 3-axial body angular velocity jerk signal | Type: NumericValue: -1 to 1 |
| FREQ.BODYBODYGYROJERKMAG.STD | Standard deviation of frequency domain for magnitude of 3-axial body angular velocity jerk signal | Type: NumericValue: -1 to 1 |
| | FREQ.BODYACCJERK.MEAN.X FREQ.BODYACCJERK.MEAN.Y FREQ.BODYACCJERK.MEAN.Z FREQ.BODYACCJERK.STD.X FREQ.BODYACCJERK.STD.Y FREQ.BODYACCJERK.STD.Z FREQ.BODYGYRO.MEAN.X FREQ.BODYGYRO.MEAN.Z FREQ.BODYGYRO.STD.X FREQ.BODYGYRO.STD.X FREQ.BODYGYRO.STD.Z FREQ.BODYACCMAG.MEAN FREQ.BODYACCMAG.MEAN FREQ.BODYACCMAG.STD FREQ.BODYBODYACCJERKMAG.MEAN FREQ.BODYBODYGYROMAG.STD FREQ.BODYBODYGYROMAG.STD FREQ.BODYBODYGYROMAG.STD FREQ.BODYBODYGYROMAG.MEAN FREQ.BODYBODYGYROMAG.STD | FREQ.BODYACCJERK.MEAN.X FREQ.BODYACCJERK.MEAN.Y FREQ.BODYACCJERK.MEAN.Y FREQ.BODYACCJERK.MEAN.Y FREQ.BODYACCJERK.MEAN.Z FREQ.BODYACCJERK.MEAN.Z FREQ.BODYACCJERK.MEAN.Z FREQ.BODYACCJERK.STD.X FREQ.BODYACCJERK.STD.X FREQ.BODYACCJERK.STD.X FREQ.BODYACCJERK.STD.Y FREQ.BODYACCJERK.STD.Y FREQ.BODYACCJERK.STD.Y FREQ.BODYACCJERK.STD.Y FREQ.BODYACCJERK.STD.Z FREQ.BODYACCJERK.STD.Z FREQ.BODYACCJERK.STD.Z FREQ.BODYACCJERK.STD.Z FREQ.BODYACCJERK.STD.Z FREQ.BODYGYRO.MEAN.X FREQ.BODYGYRO.MEAN.X FREQ.BODYGYRO.MEAN.Y FREQ.BODYGYRO.MEAN.Y FREQ.BODYGYRO.MEAN.Z FREQ.BODYGYRO.MEAN.Z FREQ.BODYGYRO.STD.X FREQ.BODYGYRO.STD.X FREQ.BODYGYRO.STD.X FREQ.BODYGYRO.STD.X FREQ.BODYGYRO.STD.Y FREQ.BODYGYRO.STD.Y FREQ.BODYGYRO.STD.Y FREQ.BODYGYRO.STD.Z FREQ.BODYGYRO.MAG.STD FREQ.BODYGYRO.STD.Z FREQ.BODYGYRO.MAG.STD FREQ.BODYGYRO.STD.Z FREQ.BODYGYRO.MAG.S |