Week 4 Assignment Code Book

Subject 1

Subject Test/Training

Integer

1-30

Activity

Activity Subject Performed

Factor

1 WALKING

2 WALKING\_UPSTAIRS

3 WALKING\_DOWNSTAIRS

4 SITTING

5 STANDING

6 LAYING

avgtbodyaccmeanx

The subjects average of the time body acceleration x axis mean

Numeric

avgtbodyaccmeany

The subjects average of the time body acceleration y axis mean

Numeric

avgtbodyaccmeanz

The subjects average of the time body acceleration z axis mean

Numeric

avgtbodyaccstdx

The subjects average of the time body acceleration X axis standard deviation

Numeric

avgtbodyaccstdy

The subjects average of the time body acceleration Y axis standard deviation

Numeric

avgtbodyaccstdz

The subjects average of the time body acceleration Z axis standard deviation

Numeric

avgtgravityaccmeanx

The subjects average time gravity acceleration x axis mean

Numeric

avgtgravityaccmeany

The subjects average time gravity acceleration y axis mean

Numeric

avgtgravityaccmeanz

The subjects average time gravity acceleration z axis mean

Numeric

avgtgravityaccstdx

The subjects average time gravity acceleration x axis standard deviation

Numeric

avgtgravityaccstdy

The subjects average time gravity acceleration y axis standard deviation

Numeric

avgtgravityaccstdz

The subjects average time gravity acceleration z axis standard deviation

Numeric

avgtbodyaccjerkmeanx

The subjects average time body acceleration caused by jerk to x axis mean

Numeric

avgtbodyaccjerkmeany

The subjects average time body acceleration caused by jerk to y axis mean

Numeric

avgtbodyaccjerkmeanz

The subjects average time body acceleration caused by jerk to z axis mean

Numeric

avgtbodygyromeanx

The subjects average time body gyro to x axis mean

Numeric

avgtbodygyromeany

The subjects average time body gyro to y axis mean

Numeric

avgtbodygyromeanz

The subjects average time body gyro to z axis mean

Numeric

avgtbodygyrostdx

The subjects average time body gyro to x axis standard deviation

Numeric

avgtbodygyrostdy

The subjects average time body gyro to y axis standard deviation

Numeric

Avgtbodygyrostdz

The subjects average time body gyro to z axis standard deviation

Numeric

avgtbodygyrojerkmeanx

The subjects average time body gyro cause by jerk to x axis mean

Numeric

avgtbodygyrojerkmeany

The subjects average time body gyro cause by jerk to y axis mean

Numeric

avgtbodygyrojerkmeanz

The subjects average time body gyro cause by jerk to z axis mean

Numeric

avgtbodygyrojerkstdx

The subjects average time body gyro cause by jerk to x axis standard deviation

Numeric

avgtbodygyrojerkstdy

The subjects average time body gyro cause by jerk to y axis standard deviation

Numeric

avgtbodygyrojerkstdz

The subjects average time body gyro cause by jerk to z axis standard deviation

Numeric

avgtbodyaccmagmean

The subjects average time body acceleration magnitude mean

Numeric

avgtbodyaccmagstd

The subjects average time body acceleration magnitude standard deviation

Numeric

avgtgravityaccmagmean

The subjects average time gravity acceleration magnitude mean

Numeric

Avgtgravityaccmagstd

The subjects average time gravity acceleration magnitude standard deviation

Numeric

avgtbodyaccjerkmagmean

The subjects average time body acceleration magnitude caused by jerk mean

Numeric

avgtbodyaccjerkmagstd

The subjects average time body acceleration magnitude caused by jerk standard deviation

Numeric

avgtbodygyromagmean

The subjects average time body gryro magnitude mean

Numeric

avgtbodygyromagstd

The subjects average time body gryro magnitude standard deviation

Numeric

avgtbodygyrojerkmagmean

The subject average time body gryo magnitude caused by jerk mean

Numeric

avgtbodygyrojerkmagstd

The subject average time body gryo magnitude caused by jerk standard deviation

Numeric

avgfbodyaccmeanx

The subjects average frequency body acceleration to x axis mean

numeric

avgfbodyaccmeanxy

The subjects average frequency body acceleration to y axis mean

numeric

avgfbodyaccmeanz

The subjects average frequency body acceleration to z axis mean

Numeric

avgfbodyaccstdx

The subjects average frequency body acceleration to x axis standard deviation

Numeric

avgfbodyaccstdy

The subjects average frequency body acceleration to y axis standard deviation

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avgfbodyaccstdz

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avgfbodyaccjerkmeanx

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avgfbodygyromeanx

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Numeric

avgfbodygyromeany

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avgfbodygyromeanz

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avgfbodygyrostdx

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avgfbodyaccmagmean

The subjects average frequency body acceleration magnitude mean

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avgfbodyaccmagstd

The subjects average frequency body acceleration magnitude standard deviation

Numeric

avgfbodybodyaccjerkmagmean

The subjects average body acceleration jerk magnitude mean

Numeric

avgfbodybodyaccjerkmagstd

The subjects average body acceleration jerk magnitude standard deviation

Numeric

avgfbodybodygyromagmean

The subjects average body acceleration gyro magnitude mean

Numeric

avgfbodybodygyromagstd

The subjects average body acceleration gyro magnitude standard deviation

Numeric

Avgfbodybodygyrojerkmagmean

The subjects average body acceleration gyro jerk magnitude mean

Numeric

Avgfbodybodygyrojerkmagstd

The subjects average body acceleration gyro jerk magnitude standard deviation

Numeric