**Codebook**

**Summary data**

Standard deviation, max and mean data for the various telemetry readings from the Samsung device .

**Fields**

"tBodyAcc-std()-X",

"tBodyAcc-std()-Y",

"tBodyAcc-std()-Z",

"tBodyAcc-max()-X",

"tBodyAcc-max()-Y",

"tBodyAcc-max()-Z",

"tGravityAcc-std()-X",

"tGravityAcc-std()-Y",

"tGravityAcc-std()-Z",

"tGravityAcc-max()-X",

"tGravityAcc-max()-Y",

"tGravityAcc-max()-Z",

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"tBodyAccJerk-std()-Y",

"tBodyAccJerk-std()-Z",

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"tBodyAccJerk-max()-Y",

"tBodyAccJerk-max()-Z",

"tBodyGyro-std()-X",

"tBodyGyro-std()-Y",

"tBodyGyro-std()-Z",

"tBodyGyro-max()-X",

"tBodyGyro-max()-Y",

"tBodyGyro-max()-Z",

"tBodyGyroJerk-std()-X",

"tBodyGyroJerk-std()-Y",

"tBodyGyroJerk-std()-Z",

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"tBodyGyroJerk-max()-Y",

"tBodyGyroJerk-max()-Z",

"tBodyAccMag-std()",

"tBodyAccMag-max()",

"tGravityAccMag-std()",

"tGravityAccMag-max()",

"tBodyAccJerkMag-std()",

"tBodyAccJerkMag-max()",

"tBodyGyroMag-std()",

"tBodyGyroMag-max()",

"tBodyGyroJerkMag-std()",

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"fBodyAcc-maxInds-Y",

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"fBodyBodyAccJerkMag-maxInds",

"fBodyBodyGyroMag-std()",

"fBodyBodyGyroMag-max()",

"fBodyBodyGyroMag-maxInds",

"fBodyBodyGyroJerkMag-std()",

"fBodyBodyGyroJerkMag-max()",

"fBodyBodyGyroJerkMag-maxInds"

**Summarized Data**

"Averages for Activity WALKING"