```
               Data Dictionary – Cellphone Motion Activity
               Coursera – Getting and Cleaning Data – Assignment 1


Activity_Name
     Physical Activity Type
          WALKING
          WALKING_UPSTAIRS
          WALKING_DOWNSTAIRS
          SITTING
          STANDING
          LAYING


Subject
     The subject number of the test subject
          1..30


tBodyAcc_mean_X
     Body Accelerometer Mean X Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tBodyAcc_mean_Y
     Body Accelerometer Mean Y Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tBodyAcc_mean_Z
     Body Accelerometer Mean Z Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tGravityAcc_mean_X
     Gravity Accelerometer Mean X Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tGravityAcc_mean_Y
     Gravity Accelerometer Mean Y Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tGravityAcc_mean_Z
     Gravity Accelerometer Mean Z Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tBodyAccJerk_mean_X
     Body Accelerometer Jerk Mean X Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tBodyAccJerk_mean_Y
     Body Accelerometer Jerk Mean Y Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tBodyAccJerk_mean_Z
     Body Accelerometer Jerk Mean Z Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tBodyGyro_mean_X
     Body Gyro Mean X Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tBodyGyro_mean_Y
     Body Gyro Mean Y Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tBodyGyro_mean_Z
     Body Gyro Mean Z Axis
          -9.999999999999999 – +9.999999999999999 Sensor Reading Value
tBodyGyroJerk_mean_X
```

```
    Body Gyro Jerk Mean X Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyroJerk_mean_Y
    Body Gyro Jerk Mean Y Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyroJerk_mean_Z
    Body Gyro Jerk Mean Z Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyAccMag_mean
    Body Accelerometer Mean X Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tGravityAccMag_mean
    Body Accelerometer Mag Mean X Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyAccJerkMag_mean
    Body Accelerometer Mag Mean Y Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyroMag_mean
    Body Accelerometer Mag Mean Z Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyroJerkMag_mean
    Body Gyro Jerk Mean
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAcc_mean_X
    Body Accelerometer Mean X Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAcc_mean_Y
    Body Accelerometer Mean Y Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAcc_mean_Z
    Body Accelerometer Z Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAcc_meanFreq_X
    Body Frequency Mean X Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAcc_meanFreq_Y
    Body Frequency Mean Y Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAcc_meanFreq_Z
    Body Frequency Mean Z Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAccJerk_mean_X
    Body Accelerometer Jerk Mean X Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAccJerk_mean_Y
    Body Accelerometer Jerk Mean Y Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAccJerk_mean_Z
    Body Accelerometer Jerk Mean Z Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAccJerk_meanFreq_X
    Body Accelerometer Jerk Frequency Mean X Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
```

fBodyAccJerk_meanFreq_Y
    Body Accelerometer Jerk Frequency Mean Y Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAccJerk_meanFreq_Z
    Body Accelerometer Jerk Frequency Mean Z Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyGyro_mean_X
    Body Gyro Mean X Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyGyro_mean_Y
    Body Gyro Mean Y Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyGyro_mean_Z
    Body Gyro Mean Z Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyGyro_meanFreq_X
    Body Gyro Frequency Mean X Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyGyro_meanFreq_Y
    Body Gyro Frequency Mean Y Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyGyro_meanFreq_Z
    Body Gyro Frequency Mean Z Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAccMag_mean
    Body Accelerometer Mag Mean
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAccMag_meanFreq
    Body Accelerometer Mag Frequency Mean
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyBodyAccJerkMag_mean
    Body Accelerometer Jerk Mag Mean
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyBodyAccJerkMag_meanFreq
    Body Accelerometer Jerk Mag Frequency Mean
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyBodyGyroMag_mean
    Body Gyro Mag Mean
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyBodyGyroMag_meanFreq
    Body Gyro Mag Frequency Mean
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyBodyGyroJerkMag_mean
    Body Gyro Jerk Mag Mean
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyBodyGyroJerkMag_meanFreq
    Body Gyro Jerk Mag Frequency Mean
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyAcc_std_X
    Body Accelerometer Mean X Axis
        -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyAcc_std_Y
    Body Accelerometer Mean Y Axis

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       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyAcc_std_Z
    Body Accelerometer Mean Z Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tGravityAcc_std_X
    Body Gravity Accelerometer Mean X Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tGravityAcc_std_Y
    Body Gravity Accelerometer Mean Y Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tGravityAcc_std_Z
    Body Gravity Accelerometer Mean Z Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyAccJerk_std_X
    Body Accelerometer Jerk STD X Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyAccJerk_std_Y
    Body Accelerometer Jerk STD Y Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyAccJerk_std_Z
    Body Accelerometer Jerk STD Z Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyro_std_X
    Body Gyro STD X Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyro_std_Y
    Body Gyro STD Y Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyro_std_Z
    Body Gyro STD Z Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyroJerk_std_X
    Body Gyro Jerk STD X Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyroJerk_std_Y
    Body Gyro Jerk STD Y Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyroJerk_std_Z
    Body Gyro Jerk STD Z Axis
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyAccMag_std
    Body Accelerometer Mag STD
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tGravityAccMag_std
    Body Travity Accelerometer STD
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyAccJerkMag_std
    Body Accelerometer Jerk Mag STD
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyroMag_std
    Body Gyro Mag STD
       -9.999999999999999 - +9.999999999999999 Sensor Reading Value
tBodyGyroJerkMag_std
```

```
      Body Gyro Jerk Mag STD
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAcc_std_X
      Body Accelerometer STD X Axis
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAcc_std_Y
      Body Accelerometer STD Y Axis
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAcc_std_Z
      Body Accelerometer STD Z Axis
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAccJerk_std_X
      Body Accelerometer Jerk STD X Axis
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAccJerk_std_Y
      Body Accelerometer Jerk STD Y Axis
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAccJerk_std_Z
      Body Accelerometer Jer STD Z Axis
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyGyro_std_X
      Body Gyro STD X Axis
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyGyro_std_Y
      Body Gyro STD Y Axis
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyGyro_std_Z
      Body Gyro STD Z Axis
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyAccMag_std
      Body Accelerometer Mag STD
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyBodyAccJerkMag_std
      Body Accelerometer Jerk Mag STD
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyBodyGyroMag_std
      Body Gyro Mag STD
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
fBodyBodyGyroJerkMag_std
      Body Gyro Jerk Mag STD
          -9.999999999999999 - +9.999999999999999 Sensor Reading Value
```