**Codebook: Activity Recognition Using Smartphones**

Inputs:

subject\_train.txt – individual id of participant

subject\_test.txt – individual id of participant

y\_train.txt – id of activity (1 thru 6)

y\_test.txt – id of activity (1 thru 6)

x\_test.txt – 561 columns containing the resulting measurements of the individual activities

x\_train.txt – 561 columns containing the resulting measurements of the individual activities

Input files are separated by spaces.

Note: For the purpose of this Data Wrangling lab, the train and test datasets for subject, y, and x are merged respectively.

Activities:

1 WALKING

2 WALKING\_UPSTAIRS

3 WALKING\_DOWNSTAIRS

4 SITTING

5 STANDING

6 LAYING

Output:

resultsData dataframe containing observations with:

* Id of individual participant
* Activity ID and Classification
* Standard Deviation and Mean variables from input x\_test.txt dataset