Using sliced activity dataset

- Each folder (1 to 15) corresponds to subjects 1 to 15.
- The first number on each CSV file corresponds to subject number.
- The last character before .csv corresponds to the activity.
    - F: Falling
    - J: Jumping
    - R: Running/Jogging
    - Si: Sitting
    - St: Standing
    - Tl: Turning left
    - Tr: Turning Right
    - W: Walking
- The csv files have 7 columns each. The first three columns correspond to acceleration in x, y and z axis (range: +- 4g) respectively and the columns 4,5 and 6 corresponds to angular acceleration (range: +- 500 deg/s) in x, y and z axis respectively. The last column corresponds to time elapsed (in seconds) for each sample, with 0 seconds assigned to the first sample. Time information has been included because we observed the sampling rate of the sensor to vary wildly although programmatically set at 100 Hz. The earable has built-in low-pass filter with a cutoff frequency of 5 Hz (default).
- You may find an imbalance in quantity of data collected for some of the targets. These missing data account for inertial data that is not possible label or data that has not been recorded by the earable sensors due to issues with the device.
- The ground truth for the inertial data were video files recorded on a mobile camera.
- It is recommended to use a sliding window with the dataset.