Human Fall Detection

Week 05 (Due on 15th July):

LSTM - RNN Approach

1. As LSTM - RNN requires block data (Dividing the whole data into multiple time slices), create blocks of particular time frame (e.g.:- 200 rows of your updated .csv file).

2. LSTM requires following inputs :
    - Samples
    - Time Steps
    - Features

   Reshape yours accordingly.
   (Link for Ref. https://machinelearningmastery.com/reshape-input-data-long-short-term-memory-networks-keras/)

3. Set the epoch and Batch size for the training according to your convenience.

4. Build the model by specifying weights and biases with 2 LSTM layers.

   If any doubts, follow this link:
   https://www.youtube.com/watch?v=RcYjYw4FN2A&feature=youtu.be

5. In the next week you will have to deploy this project into a user friendly UI. Creating a user interface is a very subjective task according to each individual. We will be providing you a way to deploy this project in one way. Still one can independently deploy it into his/her own UI according to his/her own preferences.