

CIS 325 - Data Analysis & Visualization Midterm 1

Due date: Mar 17th 23:59

The data for this exam is in the UCI Machine Learning Repository and the link is provided here:

<https://archive.ics.uci.edu/ml/datasets/Human+Activity+Recognition+Using+Smartphones>

Explore this data before downloading:

1. Information about the data set
2. Information about the attributes.

The goal of this exam is to get the data, explore it and clean it.

Your R script should do the following:

1. Download the data
2. Combine different files to get one data set
3. Your data should look like the one that is shown in class.
4. Only use mean measurements for you final data.
5. For each activity plot the mean timeBodyAccelerometer-mean()-Y to show how these measurement are for all subjects
6. There are 6 activities and therefore you'll have 6 plots.
7. Make sure you formatted correctly (labels, titles, etc.)

What to submit on moodle:

An R file that does all the above.