


Peer Assessments (https://class.coursera.org/getdata-008/human_grading/)
/ Getting and Cleaning Data Course Project
Help (https://class.coursera.org/getdata-008/help/peergrading?url=https%3A%2F%2Fclass.coursera.org%2Fgetdata-008%2Fhuman_grading%2Fview%2Fcourses%2F972586%2Fassessments%2F3%2Fsubmissions)

due in 2wk 3d


Submission Phase

1. Do assignment ☐ (/getdata-008/human_grading/view/courses/972586/assessments/3/submissions)

Evaluation Phase

2. Evaluate peers  (/getdata-008/human_grading/view/courses/972586/assessments/3/peerGradingSets)

Results Phase

3. See results  (/getdata-008/human_grading/view/courses/972586/assessments/3/results/mine)

☐ In accordance with the Honor Code, I certify that my answers here are my own work, and that I have appropriately acknowledged all external sources (if any) that were used in this work.

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Submit for grading

The purpose of this project is to demonstrate your ability to collect, work with, and clean a data set. The goal is to prepare tidy data that can be used for later analysis. You will be graded by your peers on a series of yes/no questions related to the project. You will be required to submit: 1) a tidy data set as described below, 2) a link to a Github repository with your script for performing the analysis, and 3) a code book that describes the variables, the data, and any transformations or work that you performed to clean up the data called CodeBook.md. You should also include a README.md in the repo with your scripts. This repo explains how all of the scripts work and how they are connected.

One of the most exciting areas in all of data science right now is wearable computing - see for example [this article](http://www.insideactivitytracking.com/data-science-activity-tracking-and-the-battle-for-the-worlds-top-sports-brand/) (<http://www.insideactivitytracking.com/data-science-activity-tracking-and-the-battle-for-the-worlds-top-sports-brand/>). Companies like Fitbit, Nike, and Jawbone Up are racing to develop the most advanced algorithms to attract new users. The data linked to from the course website represent data collected from the accelerometers from the Samsung Galaxy S smartphone. A full description is available at the site where the data was obtained:

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

Here are the data for the project:

<https://d396qusza40orc.cloudfront.net/getdata%2Fprojectfiles%2FUCI%20HAR%20Dataset.zip>
(<https://d396qusza40orc.cloudfront.net/getdata%2Fprojectfiles%2FUCI%20HAR%20Dataset.zip>)

- You should create one R script called run_analysis.R that does the following.
1. Merges the training and the test sets to create one data set.
 2. Extracts only the measurements on the mean and standard deviation for each measurement.
 3. Uses descriptive activity names to name the activities in the data set
 4. Appropriately labels the data set with descriptive variable names.
 5. From the data set in step 4, creates a second, independent tidy data set with the average of each

Good luck!

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Preview

Was code book submitted to GitHub that modifies and updates the codebooks available to you with the data to indicate all the variables and summaries you calculated, along with units, and any other relevant information?

I was able to follow the README in the directory that explained what the analysis files did.

Overall evaluation/feedback

Note: this section can only be filled out during the evaluation phase.

As far as you can determine, does it appear that the work submitted for this project is the work of the student who submitted it?

Please use the space below to provide constructive feedback to the student who submitted the work. Point out the submission's strengths as well as areas in need of improvement. You may also use this space to explain your grading decisions.

You've written 0 words

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