The input data for this project was:

- 'features.txt': List of all features.
- 'activity_labels.txt': Links the class labels with their activity name.
- subject_train.txt': Each row identifies the subject who performed the activity for each window sample. Its range is from 1 to 30.
- X_train.txt': Training set of measurements
- y_train.txt': Training labels.
- subject_test.txt': Each row identifies the subject who performed the activity for each window sample. Its range is from 1 to 30.
- X_test.txt': Test set of measurements
- y_test.txt': Test labels.

The input in the R script is DIRECTLY FROM THE ZIP file we were originally given. Hence the code should be able to run without the data directly being in the GitHub working directory.

The tables that I created (in order to form the final table) were:

- 'train_full': Collates the subject, y and X train tables in 1 table.
- 'test_full': Collates the subject, y and X test tables in 1 table.
- 'df_full': Binds together the test and train data.
- 'df': Keeps only the variables that have mean or standard deviation, renames the variables to the feature names and changes the activities from number to name.

The final table is:

- 'tidy_data': Averages each of the variables per subject and per activity.

The final table is the document 'tidy_data_table.txt'.

The 'write.table' function links to my personal documents. The table that this produces is a final table in GitHub.