

ECON 282, Professor Hogendorn

Assignment 1

For this and all assignments, save the output in a text editor or word processor so that you can print it out in the end. Usually the simplest way to do this is just copy and paste from the console in RStudio. By all means edit to shorten the output so that it fits on a small amount of paper, e.g. if R gives you 6 rows of data, delete 3 of them to save space.

1. Download the csv file "282assign1_data.csv" from the syllabus. Open it in your text editor of choice (you'll have to force it to open in a text editor, probably csv files default to Excel on your computer). Show the first couple rows.
2. Use the `read.csv()` command in R to read the file into memory and give a name to the resulting data frame. Don't forget to make sure you don't import the string as factors!
3. Use the `head()` and `str()` commands to check the data.
4. Use the `filter()` command to look at very happy countries where the score variable is above 7. Try it out with both regular syntax and chaining syntax.
5. There is also a dplyr command `arrange()` that you can use to sort the data. Look it up in RStudio's help pane and then use it to sort the very happy countries by decreasing happiness.
6. To make the result look even better, use `tbl_df()` on your data frame to give a really neat table showing the happiest countries.