

Project 1 (DATA100 F2023) - Instructions

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1 *INSTRUCTIONS* for Project 1:

0. **Create** a sub-folder in your DATA100 folder, and name the new folder as `Project_1`. **Download** the files posted on MyLS for Project 1, and **save** all the files in the newly created folder `Project_1` on your computer. Double click any `.zip` file and **unzip** them. You should be able to click the resulting `Project1_Result.html` or `Project1_Result.pdf` files see the expected output of the project.
1. The **goal** of this project is to recreate the output in the `Project1_Result.html` or `Project1_Result.pdf` file, by writing code in the code blocks in the file `Project1.Rmd`.
2. **WITHOUT DOING ANYTHING** after downloading, saving and unzipping the project files, you should be able to knit the `Project1.Rmd` file and end up with a file `Project1.html` that can be correctly displayed in your browser. The output from the knitting process will contain errors. As you complete the project, the errors should start to go away.
3. Change the **author** (the third line of the `Project1.Rmd` file) to the group name in MyLS. For instance, if you are assigned to the group `First Project- 13`, the third line should look like `author: Group First Project-13`.
4. **DO NOT** change any name of the variables that are already provided in the code blocks. It will cause the auto-grader to misbehave unpredictably, and affect the grade your project receives.
5. **ONLY** add your own code to the locations indicated by `# YOUR CODE HERE` in the code blocks.
6. You **SHOULD NOT** make any changes to the code blocks that has `# nothing to change here` as the first line, or any code blocks that does not have `# YOUR CODE HERE` in it. If you do make changes in those other code blocks, it may cause the rest of the code blocks to behave unpredictably, and affect how your project compiles.
7. You **DO NOT NEED** to make any changes to the any other parts of the file besides the code blocks that contain `# YOUR CODE HERE`.
8. Submission is to **gradescope**, which can be accessed from MyLS. The submission should contain only one single file (the `Project1.Rmd` file with your code added to the locations indicated by `# YOUR CODE HERE` in the code blocks).

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9. You may submit your code more than once. If there are any errors when you submit your project, make sure to **read and understand** the feedback and make corrections and submit your code again. **DO NOT** wait till the last day to start submitting your code, in case something is wrong in the submission.
10. Each group only have to submit one copy of the completed project file. If more than one copies are submitted by a group, the grade from the **most recent submission** is the grade for the project. If the most recent submission is **after** the due date, the project will be regarded as late, and points will be deducted as stated in the course outline.