

Quiz 1

Tuesday, September 19, 2023 at 10:15am

💡 **Estimated time: 30 minutes**

You may need more time if programming is completely new to you, or less if you have some experience already.

Instructions Upload your .ipynb notebook to gradescope by 11:59pm on the due date.

- Note that each problem will be graded according to this [rubric](#). Solutions that include packages or functions not covered in this course will receive a score no higher than 2.
- You may collaborate with any of your classmates, but you must write your own code/solutions, understand all parts of the problem, and name your collaborators.
- You should also cite any outside sources you consulted, like Stack Overflow or ChatGPT, with a comment near the relevant lines of code (see example below). Recycled code that has not been cited will be considered plagiarism and receive a zero.

Name: _____

Student Number: _____

Score by topic area

R basics: general	
R basics: vectors, operations, subsetting	
Data importing	
Data visualization: basics	
Data visualization: layers	
Data wrangling	
Average	
Effort constant	6

- 1 R basics: general**
- 2 R basics: vectors, operations, subsetting**
- 3 Data importing**
- 4 Data visualization: basics**
- 5 Data visualization: layers**
- 6 Data wrangling**