Homework 4 Fish

Task 1: Conceptual Questions

It's extremely important Create a list with the following questions: 1. What is the purpose of the lapply() function? What is the equivalent purrr function? 2. Suppose we have a list called my_list. Each element of the list is a numeric data frame (all columns are numeric). We want use lapply() to run the code cor(numeric_matrix, method = "kendall") on each element of the list. Write code to do this below! (I'm really trying to ask you how you specify method = "kendall" when calling lapply()) 3. What are two advantages of using purrr functions instead of the BaseR apply family? 4. What is a side-effect function? 5. Why can you name a variable sd in a function and not cause any issues with the sd function?

Question 1

Question 2

Question 3

Question 4

Question 5

Task 2: Writing R Functions

Question 1

Question 2

Question 3

Question 4

Question 5

Question 6

Task 3: Querying an API and a Tidy-Style Function

Question 1

Question 2

Question 3