

# Homework 06

yourname

**This homework is due by Thursday by 2:30pm.**

For this homework, you will save the **R Markdown** (e.g., `.Rmd`) homework document and save it to your `/fods-exercises/report` project directory. Either rename it or save a copy of this file so that its name has the prefix `2024_Lastname_FirstInitial`. Full name example: `2024_cookg_HW_06.Rmd`.

*Enter your name in the author YAML code above*

## Overview

Instructions for the homework are in a separate file to keep the homework file short. You can:

- download the instructions for this homework from [https://raw.githubusercontent.com/slicesofdata/fods24/main/homework/HW06\\_instructions.pdf](https://raw.githubusercontent.com/slicesofdata/fods24/main/homework/HW06_instructions.pdf)
- or view at [https://github.com/slicesofdata/fods24/blob/main/homework/HW06\\_instructions.pdf](https://github.com/slicesofdata/fods24/blob/main/homework/HW06_instructions.pdf)

Answer the problems in the blocks below.

**Problem 1**

**Problem 2**

**Problem 3**

**Problem 4**

Explain why you summarized your data in this way.

Finally, knit an `html` file and upload to: <https://claremontmckenna.app.box.com/f/026ed41483fb4a739f0ddfc7fbf8fd01>