

Assigned:  
August 25, 2024

Homework 1

Due:  
September 08, 2024

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Please complete the assigned problems to the best of your abilities. Ensure that the work you do is entirely your own, external resources are only used as permitted by the instructor, and all allowed sources are given proper credit for non-original content.

## 1 Recitation Exercises

These exercises are to be found in: **Introduction to Statistical Learning, 2<sup>nd</sup> Edition (Online Edition)** by *Gareth James, Daniela Witten, Trevor Hastie, Robert Tibshirani*.

### 1.1 Chapter 2

Exercises: 1,2,4,6,7

### 1.2 Chapter 3

Exercises: 1,3,4

## 2 Practicum Problems

These problems are to be found in: **Introduction to Statistical Learning, 2<sup>nd</sup> Edition (Online Edition)** by *Gareth James, Daniela Witten, Trevor Hastie, Robert Tibshirani*. It is suggested that a *RStudio* session be used for the programmatic components using **R** and **CRAN**.

### 2.1 Chapter 2

Problems: 8,9,10

### 2.2 Chapter 3

Problems: 8,9,10,15