

# STATS 202: Data Mining and Analysis

Instructor: Linh Tran

HOMEWORK # 2

Due date: July 17, 2023

Stanford University

## Introduction

Homework problems are selected from the course textbook: *An Introduction to Statistical Learning*.

### Problem 1 (5 points)

Chapter 4, Exercise 1 (p. 189).

### Problem 2 (5 points)

Chapter 4, Exercise 4 (p. 189).

### Problem 3 (5 points)

Chapter 4, Exercise 6 (p. 191).

### Problem 4 (5 points)

Chapter 4, Exercise 8 (p. 191).

### Problem 5 (5 points)

Chapter 4, Exercise 13 parts a-h (p. 193)

### Problem 6 (5 points)

Chapter 5, Exercise 2 (p. 219).

### Problem 7 (5 points)

Chapter 5, Exercise 5 (p. 220).

### Problem 8 (5 points)

Chapter 5, Exercise 6 (p. 221).

**Problem 9 (5 points)**

Chapter 5, Exercise 8 (p. 222).

**Problem 10 (5 points)**

Chapter 5, Exercise 9 (p. 223).