

DATS 7860 Statistical and Machine Learning for Big Data
Homework 8 (Chapter 12 – Unsupervised Learning)

The following 4 problems are all from Exercises 12.6 of Chapter 12 of the textbook ISL:

1. Problem 2 (Page 548). – You can do this problem using R or by hand.

2. Problem 3 (Page 548). - You can do this problem using R or by hand.

3. Problem 9 (Page 550).

- Please submit your complete R codes for this problem.

4. Problem 10 (Page 417).

Specific notes for this problem:

- Part (b): as the instructions stated: please make sure that the three classes are well-separated before proceeding to part (c).

- Please submit your complete R codes for this problem.