HW1 For Applied Data Mining
STAT W 3026-4026
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Columbia University

Your Name

Uni ID

Your Department and Year

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Abstract

This assignment is on the chapter 4 of Applied Predictive Modeling. The topics are over-fitting and model-tuning.

1 Exercise 4.1

Consider the music genre data set described in Sect. 1.4. The objective for these data is to use the predictors to classify music samples into the appropriate music genre.

1.1 What data splitting method(s) would you use for these data? Explain.

1.2

Using tools described in this chapter, provide code for implementing your approach(es).

2 Exercise 4.3