

# Assignment 3

IDS575: Statistical Models and Methods (Fall 2017)

Theja Tulabandhula

Due: 11/10 11.59 PM (Upload to Blackboard)

From [An Introduction to Statistical Learning with Applications in R<sup>1</sup>](#):

1. Ex. 1 (Chapter 8, page 332) [2pt]
2. Ex. 3 (Chapter 8, page 332) [5pt]
3. Ex. 8 (Chapter 8, page 333) [9pt] : (Carseats data set, part of the ISLR package)
4. Ex. 10 (Chapter 8, page 334) [9pt] : (Hitters data set, part of the ISLR package, see page 244)

**Note 1.** Points will be deducted if the solutions are not presented in a clear, understandable and concise way. Mention all sources and collaborations. Code should be submitted, along with a pdf of the solutions as a single zip file (naming convention: lastname-firstname.zip).

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<sup>1</sup>7th printing. PDF available at the linked webpage.