SF2935 Modern Methods of Statistical Learning
Project 2

The project should be done in groups of **two**.

A computer written[1], self-containing, report of the subjects presented below should be handed in no later than **Sunday 28 October 2018 24:00** by email to `dabergl@kth.se`. The **subject** of the email should be

```
SF2935 Project 3: Full Name 1, Full Name 2
```

and **name the document**

```
SF2935Project3-FullName1-FullName2.pdf
```

When writing down the report you do not have to insert all of the code into the report, instead describe the process of solving the exercise and also why we do things. As an example in 11 a) on page 171 we are creating a new variable, instead of just giving the code for how this variable is created, mention why we are doing this, why can't we use the original variable?

Tree-Based Methods, Unsupervised Learning

In this project we will study the different tree-based methods from chapter 8 and the unsupervised clustering methods in chapter 10.3.

The written report should include the following:

- Solve and present solutions to the Conceptual exercise 5 in chapter 8 on page 322 and applied exercise 9 in chapter 8 on page 334-335

- Solve and present solutions to the Conceptual exercise 4 in chapter 10 on page 414 and the Applied exercise 9 in chapter 10 on page 416.

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[1]Preferably using LaTeX