## **Exercise 2: Applying and Evaluating kNN**





## Applying and Evaluating kNN

# Confusion Matrix
table(knn.pred, test.data\$default)
# Estimate the test error rate
mean(knn.pred != test.data\$default)

- 1. Try the code for yourself.
- 2. The Confusion Matrix gives you the False Positives and False Negatives. Try to interpret it! Look at the graphs you produced before to aid you with the interpretation.
- 3. Then fit the k-NN model for k = 3 and k = 100.
- 4. Compare and interpret the results of the three different models.

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