CSC 423 / 324

Logistic Regression Assignment

Due February 15, 2018

Each problem is worth 15 points for a total of 60 points.

For the GermanCredit data set, perform logistic regression on "Class" using the other numeric variables as the independent variables, in R.

Use glm(...family=binomial(link=logit)). Then perform or answer questions 1 through 4 below.

1. Build the logisitic regression model.

2. Perform a train-test (train-holdout) validation.

3. Use the summary to view the diagnostics, and write a summary of the results.

4. Do you like the model or not? Why?