

Exercise 7

Logistic Regression-with-weka

Logistic regression is popular and powerful. It uses logit transform to predict probabilities directly.

1. Launch the WEKA tool, and activate the Explorer environment.
2. Open file diabetes.arff (pima_diabetes)(you can find this sample dataset in the folder \data).
3. Go to the Classify tab. Click on choose button. Open function folder and select **Logistic**.
4. Click on percentage split and change it to 80% and click start.
5. Discuss the results.