**Algorithms Covered in Course**

1. **Classification**

OneR

Naïve Bayes

Decision Tree

Multi Layer Perceptron

kNN

1. **Numeric Prediction**

Multiple Linear Regression

kNN

M5P

1. **Clustering**

Self Organizing Maps (SOM)

K Means

1. **Association Rule Mining**

Apriori

Depending on the type of dataset that you select you will need to experiment with at least one other algorithm.

If you dataset requires classification I recommend the following algorithms: Bayesian Net (Bayes Net in Weka), Support Vector Machine (SMO in Weka), KStar, RanddomForest

If your dataset requires numeric prediction I recommend the following algorithms: Support Vector regression (SMOReg in Weka), Pace Regression, Isotonic Regression