- ▶ We have been using Bayesian classifiers that make decisions according to the posterior probabilities.
- ▶ We have discussed parametric and non-parametric methods for learning classifiers by estimating the probabilities using training data.
- ▶ We will study new techniques that use training data to learn the classifiers directly without estimating any probabilistic structure.
- ▶ In particular, we will study the k-nearest neighbor classifier, linear discriminant functions, and support vector machines.