

Machine Learning Strategies	
Decision Tree	mostly used for variety of classification tasks
Artificial Neural Networks (ANN)	speech recognition, digital signal processing, face recognition, object recognition, character recognition
Bayesian Methods	classifying text documents, speech processing using probability of vowels, semi-vowels, or consonants
Reinforcement Learning	robot control, learning to optimise operations in factories, and learning to plan therapeutic procedures
Inductive Logic Programming (ILP)	used to create logical programs from training data set. Used in Data Mining for finding rules in huge databases
Case Based Reasoning (CBR)	case retrieval—reuse—solution testing—learning
Genetic Algorithms (GA)	used for tuning the optimal parameter's setting when it is combined with other ML methods, such as Neural Network or Instance-Based Learning
Support Vector Machines (SVM)	automatic information categorization and retrieval systems

Tools	
WEKA	Java
YALE	Java
MLJ	Java



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