

Machine Learning Strategies		Tools	
Decision Tree	mostly used for variety of classification tasks	WEKA	Java
Artificial Neural Networks (ANN)	speech recognition, digital signal processing, face recognition, object recognition, character recognition	YALE	Java
Bayesian Methods	classifying text documents, speech processing using probability of vowels, semi-vowels, or consonants	MLJ	Java
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		



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Page 1 of 1.

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