Unsupervised learning
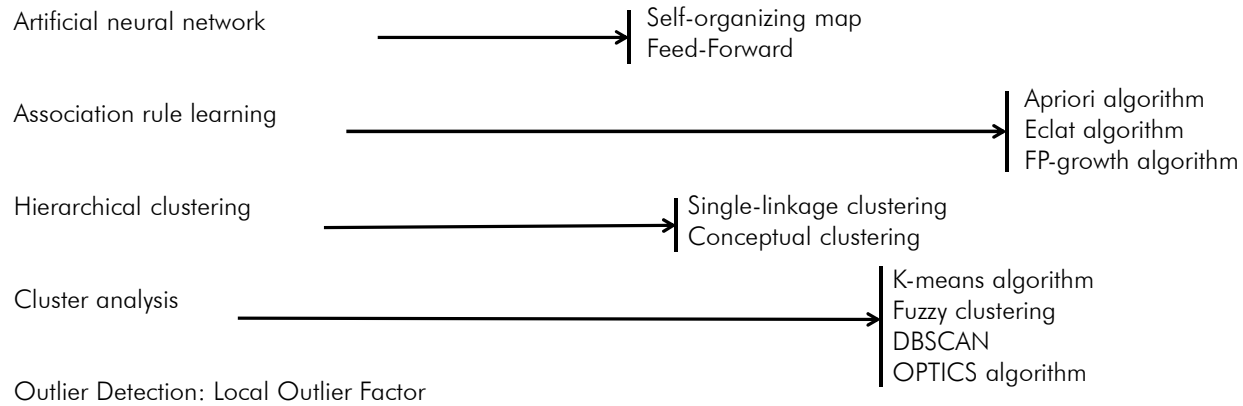
Expectation-maximization algorithm
Vector Quantization
Generative topographic map
Information bottleneck method

Artificial neural network ⟶ | Self-organizing map
Feed-Forward

Association rule learning ⟶ | Apriori algorithm
Eclat algorithm
FP-growth algorithm

Hierarchical clustering ⟶ | Single-linkage clustering
Conceptual clustering

Cluster analysis ⟶ | K-means algorithm
Fuzzy clustering
DBSCAN
OPTICS algorithm

Outlier Detection: Local Outlier Factor

Reinforcement learning

Temporal difference learning
Q-learning
Learning Automata
SARSA

Deep learning

Deep learning[edit]
Deep belief networks
Deep Boltzmann machines
Deep Convolutional neural networks
Deep Recurrent neural networks
Hierarchical temporal memory

Machine Learning List
Based on the method of learning