

<b>Data</b>	<b>Numerical data matrix</b>	<b>Matrix with mixed numerical and categorical columns with labeled rows</b>	<b>List of lists, baskets tags</b>	<b>Linked graph</b>	<b>Spatial and spatial-temporal data</b>	<b>Missing data</b>	<b>Outliers</b>
<b>Algorithms</b>							
<b>Clustering</b>	Using appropriate distance functions or dissimilarity functions.	Using appropriate distance functions or dissimilarity functions.	Using appropriate distance functions or dissimilarity functions.	Clique finding for clustering.	Using appropriate distance functions or dissimilarity functions.	Can cause problems depending on the range.	Robust on small number of outliers. Large number can cause problems.
<b>Associative rules finding</b>	After quantizing the data entries into tags.	After quantizing the numerical data entries into tags.	Direct application.		With mapping to appropriate system of tags.	Missing data do not cause problems.	Robust on outliers.
<b>Prefix trees</b>	After quantizing the data entries into tags.	After quantizing the numerical data entries into tags.	Direct application.	Sequences of edges can be seen as words.	Using appropriate system of tags.	Can cause great problems.	Nothing is an outlier.
<b>Decision trees</b>		Direct application.			Direct application with associated labels.	Robust.	Robust on outliers.
<b>Naive Bayesian classifier</b>		Direct application.			Direct application with associated labels. (Gives crude results.)	Can cause problems depending on the range.	Can cause problems depending on the range.
<b>Dimension reduction</b>	Direct application.	Categorical columns have to be replaced with appropriate numerical columns.				Can cause problems depending on the number and range.	Can cause problems depending on the range.
<b>Markov chains</b>	If it is column stochastic.		After linking the baskets in a graph with similarity function.	Stationary Markov chain probabilities are found using adjacency matrices.	Event interpretation or with mapping to appropriate system of tags.	Robust.	Robust.