

## Free Data Mining Tools

The follows are some free and/or open source tools for data mining applications. Some of them are free for non-profit use only. Please check corresponding websites for license details.

### R IDE/Editors

- [R](#) - a free software environment for statistical computing and graphics
- [Tinn-R](#) - a free GUI for R language and environment.

### Data Mining Software

- [Weka](#) - an open-source software for data mining
- [RapidMiner](#) - an open-source system for data and text mining
- [KNIME](#) - an open-source data integration, processing, analysis, and exploration platform
- [The Mahout machine learning library](#) - mining large data sets. It supports recommendation mining, clustering, classification and frequent itemset mining.
- [Rattle](#) - a GUI for data mining using R

### Clustering

- [CLUTO](#) - a software package for clustering low- and high-dimensional datasets
- [fastcluster](#) - fast hierarchical clustering routines for R and Python

### Association Rules

- [arules](#) - an R package for mining association rules and frequent itemsets
- [ARMiner](#) - a client-server data mining application specialized in finding association rules
- [A C++ Frequent Itemset Mining Template Library](#)
- [Frequent Itemset Mining Implementations Repository](#)

### Sequence Analysis

- [TraMineR](#) - an R package for mining and visualizing sequence data

### Social Network Analysis

- [Pajek](#) - a free tool for large network analysis and and visualization

### Spatial Data Analysis

- [GeoDa](#) - a free software for spatial data analysis
- [CLAVIN](#) - an open source software package for document geotagging and geoparsing that employs context-based geographic entity resolution