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Commercial and Free Software Packages for KDD & DM by Kweku-Muata Osei-Bryson,

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Commercial and Free Software Packages for KDD & DM are growing. Each software within both codes has their own data mining set. There are over 30 open source data mining packages. Many of the open source software applications came from the university community and some of them also have commercial versions such as RapidMiner.

RapidMiner

The most famous data mining software application is RapidMiner. It has solutions and services in the fields of predictive analytic, data mining and text mining. It is utilized in business, industrial, and research applications. The advantages of the RapidMiner are it runs on every operating system and it has a powerful and intuitive GUI for the design of the analysis processes. It is easy to use and it has a drag and drop interface.

R Data Mining

R is a free application that serves as a language and environment for statistical computing and graphics. It has many add-on packages that make it an excellent data mining tool. It is the top language for analytical data mining and data sciences. The advantages of R is its growth in the community, its many documents and books, and it runs in different operating systems including Unix and MySQL.

Weka

Weka is free software. Weka is a collection of machines learning algorithms for data mining tasks. The algorithms can either be applied directly to a dataset or called from your own Java code. Weka contains tools for data pre-processing, classification, regression, clustering,

association rules, and visualization. It is also well suited for developing new machine learning schemes.

Orange

Orange is free software. Orange is a machine learning and data mining suite for data analysis through python scripting and visual programming. The advantage of orange, It runs in different operating system include Unix. It has add-on for bioinformatics and text mining . It is built for users who are experienced in programming and data mining.

SAP

SAP is commercial software. SAP enterprises software architecture that enables analytic queries to run against detailed source data and run fast in real time without need for transforming the data into data models optimized for analysis. It provides solid reporting and visualizations.

SAS

SAS is commercial software. SAS is popular due to its predictive analytics capabilities, which include data management, data visualization tools, and prepackaged business solutions.

Tableau

Tableau is commercial software. It is the world's fastest growing business intelligence company. The advantage of tableau, it helps user easily analyze, visualize and share information. It has a simple drag-and-drop feature and it works with live data. Tableau is utilized for enterprise or departmental needs.

References

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