DBMiner, a Knowledge Discovery Tool for Large Relational Databases

DBMiner is a knowledge discovery tool based on Windows/NT that can efficiently extract and analyze information on previously unknown relationships in relational databases. A comprehensive suite of interactive data mining and OLAP tools that operate on large data sets, DBMiner provides knowledge discovery, pattern matching and relationships hidden in their data. DBMiner currently includes data summarization, comparison, association, classification and prediction.

Applications

DBMiner is targeted to support mid-range desktop integrated data mining applications including market- ing and sales support, financial risk assessment, fraud detection, etc. Other applications of data mining and OLAP technology are found in the medical, manufacturing, environmental, utilities, security, transportation, chemical and aerospace industries.

Advantages

- Combining OLAP and mining functionality, allowing users to discover and present information in a hierarchical manner, at different levels of abstraction;
- Seamless integration of mining tools where the output of one tool can be used as the input to another;
- Integrates data mining and data warehousing, constructing a data mart from the user's data.

Development Stage

A experimental system exists and has been tested on large databases.

Intellectual Property Status

DBMINER is protected by copyright.

Stage of Development

- Proof of concept demonstrated self-assembly fabrication of polymer based three dimensional antenna;
- Exploring other materials to optimize performance.

Business Opportunity

This technology is licensed to SFU spin-off company DBTech Software Inc. The company is looking for partnering and investing opportunities.

Contact

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