



**New York University School of Medicine**  
**Office of Industrial Liaison/Technology Transfer**

**Discovery Chef**

Data Management—*Data Mining*

**Principal Inventors:**

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**Description of the Technology:**

As the market for Data Mining and Business Intelligence Software will reach \$70 billion by 2002, different business needs require different combinations of algorithms. However, users may be either unaware of or know only a limited number of algorithms. The solution lies with Discovery Chef, a patent-pending intelligent Data Mining Assistant that automates the selection, ranking, and processing of data mining algorithms. Discovery Chef specifies data and goals customized by the user's needs, selects algorithms for each data mining stage to create customized combinations of algorithms, ranks the combinations based upon the user's goals, and generates computer models to show data patterns.

**Features and Benefits:**

- Increased algorithms by providing access to a greater number of algorithm combinations.
- Increased effectiveness by allowing data miners to choose the best combination of algorithms.
- Saves valuable time by eliminating the trial-and-error guessing game involved with choosing algorithms.
- Competitive edge by allowing users to input, add, or download algorithms.

**Applications:**

As the use of Internet banking or e-finance transactions continues to rise, Discovery Chef is useful because it discovers business rules and patterns hidden in high volumes of data to help companies make better decisions and increase profits. Data Mining and CRM Software companies can integrate Discovery Chef into their existing products, adding value to these products by enabling next-generation effectiveness and efficiency.

**Patent Status:**

U.S. and international patent applications pending.

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