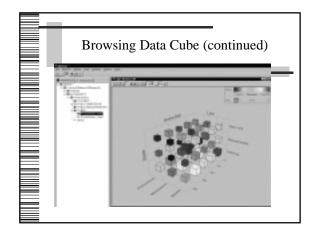
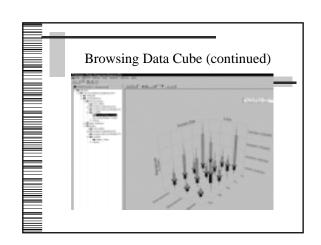


Creating Data Warehouse • Importing relational data: only the default database that DBMiner provides can be used. • Easy to import a datamart and difficult to create one. • Datamart can be associated with only one table/view. • Creation of datamart is not easy enough for usual users and not flexible enough for professional users

Creating Data Warehouse (continued) Concept hierarchy is automatically generated when a dimension is created, but the user can scarcely customize it. Only numerical attributes are allowed as measures We think it would be better if DBMiner had a wizard to help user build a data cube.

Browsing Data Cube The visualization of data cube is very instructive. User can perform some OLAP operations but slicing. Data cube browser also presents the data dispersion.



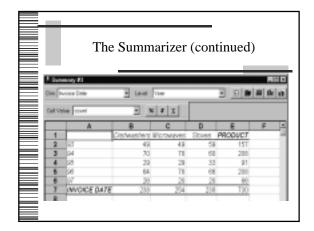


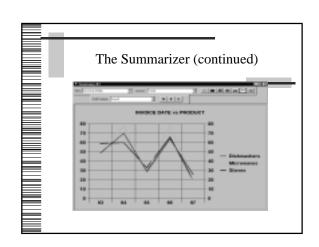
Data Mining

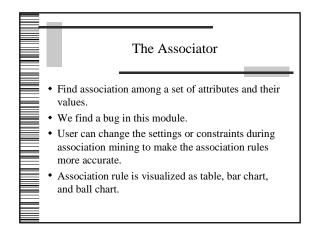
- Mining functions: summarization, association, classification, prediction.
- OLAP functions are integrated with mining functions.
- The mining process is performed on line.
- A wizard guides user through mining process.

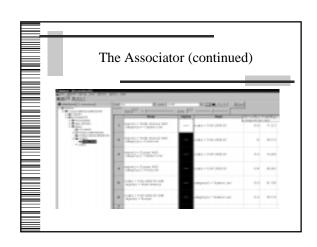
The Summarizer

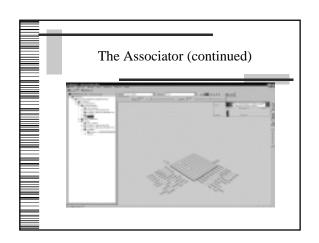
- Generalize/summarize data at high abstraction levels
- The output is presented in six different forms: crosstab, 3D bar chart, 3D area chart, 3D cluster bar, 2D bar chart and 2D line char.
- The output can be presented on only two dimensions at a time, and not all the combinations of two dimensions are possible.

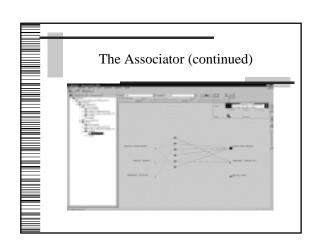












The Classifier • Based on the features present in the class_labeled training data, develop a description or model for each class. • The output is presented as a complete classification tree (decision tree) • good in the sense that user can get a clear impression of classification process. • Redundant if user only cares about the classification rules.

