Abstract

Data mining has great potential in the fields of tea cultivation and tea industry of Assam for exploring the hidden patterns in the data sets of the domain. These patterns can be utilized for tea cultivation analysis. However, the available raw data are widely distributed, heterogeneous in nature, and voluminous. These data need to be collected in an organized
form. This collected data can be then integrated to form an information system. Data mining technology provides a user-oriented approach to novel and hidden patterns in the data. Data mining and statistics both strive towards discovering patterns and structures in data. Statistics deals with heterogeneous numbers only, where data mining deals with heterogeneous fields.

Reference

- Arun K Pujari "Data Mining Techniques" Universities Press, Pages 69-109, February 2001
- Alex Beyson and Steve Smith, "Data Warehousing, Data Mining and OLAP" 2004.

Index Terms

Computer Science
Pattern Recognition

Key words

Data mining
Apriori Algorithm
Association Rule