

## Analytical Tools For Finding Useful Information In Large Data Sets

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Annotation : In the “Era” of Information (21 century) the problem of “qualified” information retrieval arises. Extremely popular database driven web sites and search engines are providing enormous quantity of relevant information but to define what is the information one can trust and use stays still. So the problem of data processing, classification and analysis is quite of bit of an interest.

Very large (Petabytes, Exabytes - Big data) databases (No Sql) dealing with sets of unstructured or semi-structured data (mostly form web) are used to produce valuable information. Business intelligence, including both technology and management tries to deal with this issue providing tools like Data warehouses / Data marts, Hadoop, In-memory computing, Analytical platforms.

In the work provided we will be discussing both relational and non-relational tools optimized for large datasets (OLAP, Data Mining, Text Mining), we will specially underline the role of web mining and connection of web and the databases in aspects of modern challenges.

### References

[1] Kenneth C. Laudon , Jane P. Laudon, Management Information Systems- Global Edition-Pearson Education (2014)