Graduate School of Engineering, Division of Electrical, Electronic and Information Engineering (The Institute of Scientific and Industrial Research) Department of Reasoning for Intelligence, Washio Laboratory

We work on fundamental/application research and education on approaches to discover and learn novel knowledge from massive data by implementing intelligent reasoning mechanism to computers.
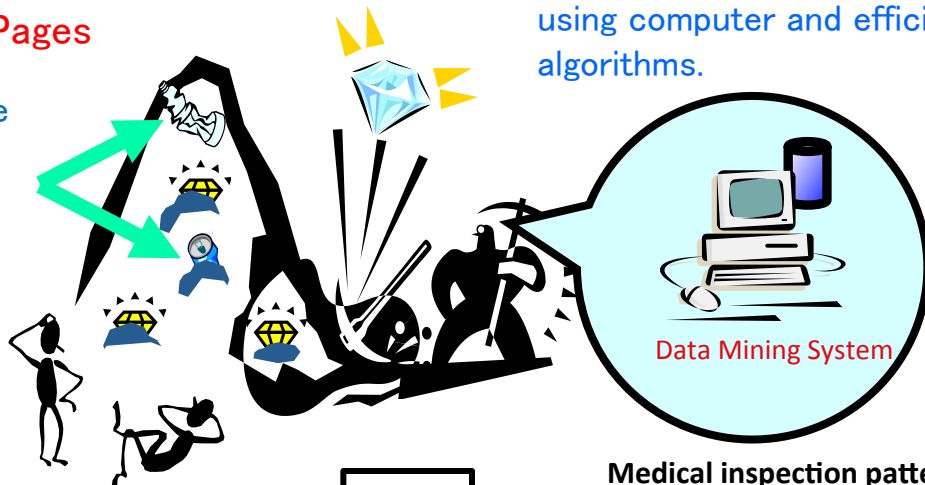
Internet

Massive Web Pages

Useful knowledge

Useful knowledge is embedded in massive data.

Such knowledge is hardly mined by hands.

Useful knowledge is mined by using computer and efficient algorithms.
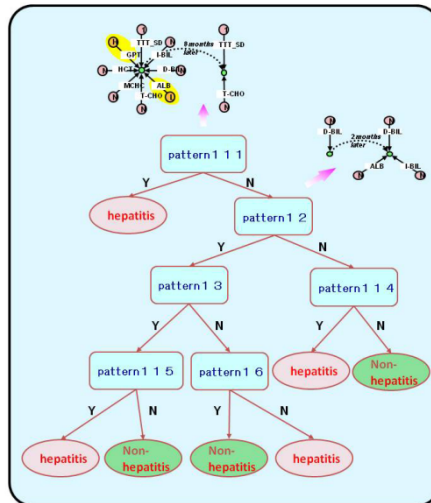
Data Mining System

Application

· Scientific Knowledge Discovery
· Medical Knowledge Discovery
· Marketing Knowledge Discovery
· Spam Mail Detection
 etc.

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Medical inspection pattern discovered by graph mining

Molecular Substructure discovered by graph mining