

## A GENERAL REVIEW OF DATA MINING PATTERNS

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### ABSTRACT

"Mining" is the extraction of valuable materials from the core of the earth which are of great economic interest or importance. Traditionally, mining has been used at excavation sites for extraction of minerals like gold and copper. Data mining comprises of unearthing useful patterns from a data warehouse which is the source of integrated data. Data mining can also be used as a BI (Business Intelligence) tool to predict or derive useful patterns by the analysis of current and historical data. In a broader scope it is an inter-disciplinary subfield of computer science and makes use of the computational processes like Machine Learning, statistics, Artificial Intelligence and database systems to discover patterns and make it available in a human readable format for prediction of future trends.

**KEYWORDS:** Data Mining, Data Analysis