



Data Mining: Issues

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Mining Methodology

- Mining various and new kinds of knowledge
- Mining knowledge in multi-dimensional space
- Data mining: An interdisciplinary effort
- Boosting the power of discovery in a networked environment
- Handling noise, uncertainty, and incompleteness of data
- Pattern evaluation and pattern- or constraint-guided mining

User Interaction

- Interactive mining
- Incorporation of background knowledge
- Presentation and visualization of data mining results



Efficiency and Scalability

- Efficiency and scalability of data mining algorithms
- Parallel, distributed, stream, and incremental mining methods

Diversity of data types

- Handling complex types of data
- Mining dynamic, networked, and global data repositories

Data mining and society

- Social impacts of data mining
- Privacy-preserving data mining
- Invisible data mining



Thank You