

DATA MINING

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CHAPTER II

1 *CONCEPTS AND TECHNIQUES*

1.1 *Types of Datasets*

- Record
 - Relational records
 - Data matrix
 - Transaction data
- Graph and network
 - World wide web
 - Social or information networks
- Ordered
- Spatial, image and multimedia

1.2 Important Characteristics of Structured Data

- Dimensionality
 - Curse of dimensionality
- Sparsity
 - Only presence counts
- Resolution
 - Patterns depend on the scale
- Distribution
 - Centrality and dispersion

1.3 Standarisasi Data Numerik

Menggunakan formula *Z - score*, yakni $z = \frac{x-\mu}{\sigma}$.