RELATIONSHIP WITH OTHER FIELDS

SYRACUSE UNIVERSITY
School of Information Studies

ORIGINS OF DATA MINING

Draws ideas from machine learning and artificial intelligence (AI), statistics, and database systems
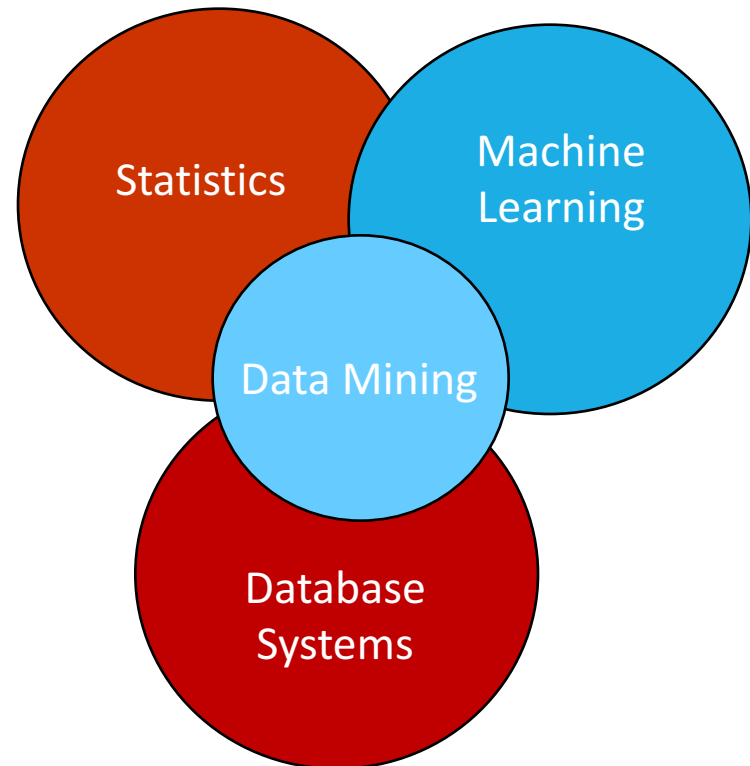
Terminology problem

Synonyms:

Variable (statistics)

Column, attribute, field (database)

Feature, attribute (machine learning)

Statistics

Machine Learning

Data Mining

Database Systems

WHAT IS NOT DATA MINING?

What is *not* data mining?

Search phone number in phone directory
Trivial task
The answer is not new knowledge

Query a Web search engine for information about "Amazon"
An information retrieval problem
Could use data mining techniques to help

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