

Chapter VI: Classification

Knowledge Discovery in Databases

Luciano Melodia M.A.

Evolutionary Data Management, Friedrich-Alexander University Erlangen-Nürnberg

Summer semester 2021



Chapter V: Mining frequent patterns, associations and correlations

Basic Concepts.

Scalable frequent-itemset-mining methods.

- Apriori: a candidate-generation-and-test approach.

- Improving the efficiency of apriori.

- FPGrowth: a frequent-pattern-growth approach.

- ECLAT: frequent-pattern mining with vertical data format.


- Mining closed itemsets and max-itemsets.

Generating association rules from frequent itemsets.

Which patterns are interesting? Pattern-evaluation methods.

Summary.

Thank you for your attention.
Any questions about the sixth chapter?

Ask them now, or again, drop me a line:
 `luciano.melodia@fau.de`.