

SGN-5306 Knowledge Mining (3 cr)

Examination 15.12.2011 / Ari Visa

1. How to define data mining ? What are the differences between data mining and knowledge mining? What are the steps of data mining in the process of knowledge discovery?

6p

2. What is concept description? What can you say about data generalization or summarization?

6p

3. How to define association rule mining? What is the difference between multiple dimensional and multiple-level associations? List the types of association!

6p

4. What is the difference between classification and prediction? How do you define an outlier? What are the main approaches to detect an outlier?

6p

5. How do you define cluster analysis? What are the main players that define the quality of clustering. What are the main categories of clustering techniques?

6p

- No calculator
- Students can keep the questions