ELOIM425-Artificial intelligence and decision support system

Professor: Isabelle Linden

Credits: 5 ECTS

Learning outcomes

After this course, the student will be able to

- describe various knowledge models and explain the associated learning and solving algorithms
- describe their involvement in case studies and DSS implementations
- draw a scientific literature review and write a synthesis of a new research question
- communicate the synthesis by both written and oral reporting according to scientific standards

Content

The lectures present the main problem solving and machine learning techniques and present their implementation in business DSS.

Teaching methods

Learning is based on presentations and reading of scientific papers

Evaluations

reading report and oral exam

Recommended readings

Artificial Intelligence: A modern approach, Stuart Russell and Peter Norvig
Machine Learning, Tom Mitchell,
Introduction to Machine Learning, Ethem Alpaydin