# Uncertainty In Artificial Intelligence
## *Exercizes*

Christian Rossi

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**Abstract**

The topics of the course are:

- Uncertainty sources that acffect models: typology, issues, and modeling approaches.

- Measure-based uncertainty modeling.

- Logic-based uncertainty modeling.

- Fuzzy models: fuzzy sets, fuzzy logic, fuzzy rules, motivations for fuzzy modeling, tools for fuzzy systems, design of fuzzy systems, applications.

- Bayesian networks: basics, design, learning, evaluation, applications.

- Hidden Markov Models: basics, design, learning, evaluation, applications.

- Applications: motivations, choices, models, case studies.

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