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## Fuzzy Logic, Genetic Algorithms and Data Mining

Data Mining is analyzing step of the knowledge discovery in databases process for extracting a desirable knowledge or interesting patterns in a human-understandable structure from existing large data sets for some specific purposes. In order to extract knowledge from a database, the data mining is using various methods at the intersection of artificial intelligence, machine learning, statistics and database systems. In this talk the following topics for combining Data Mining, Fuzzy Logic and Genetic Algorithms will be introduced:

- Distributed Fuzzy Models
- Rule Induction & Dynamic Fuzzy Models
- Hybrid Genetic Algorithms by Fuzzy Logic
- Genetic-Fuzzy Data Mining
- Card Fraud Detection by Data Mining and GA

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